

Fig. 1

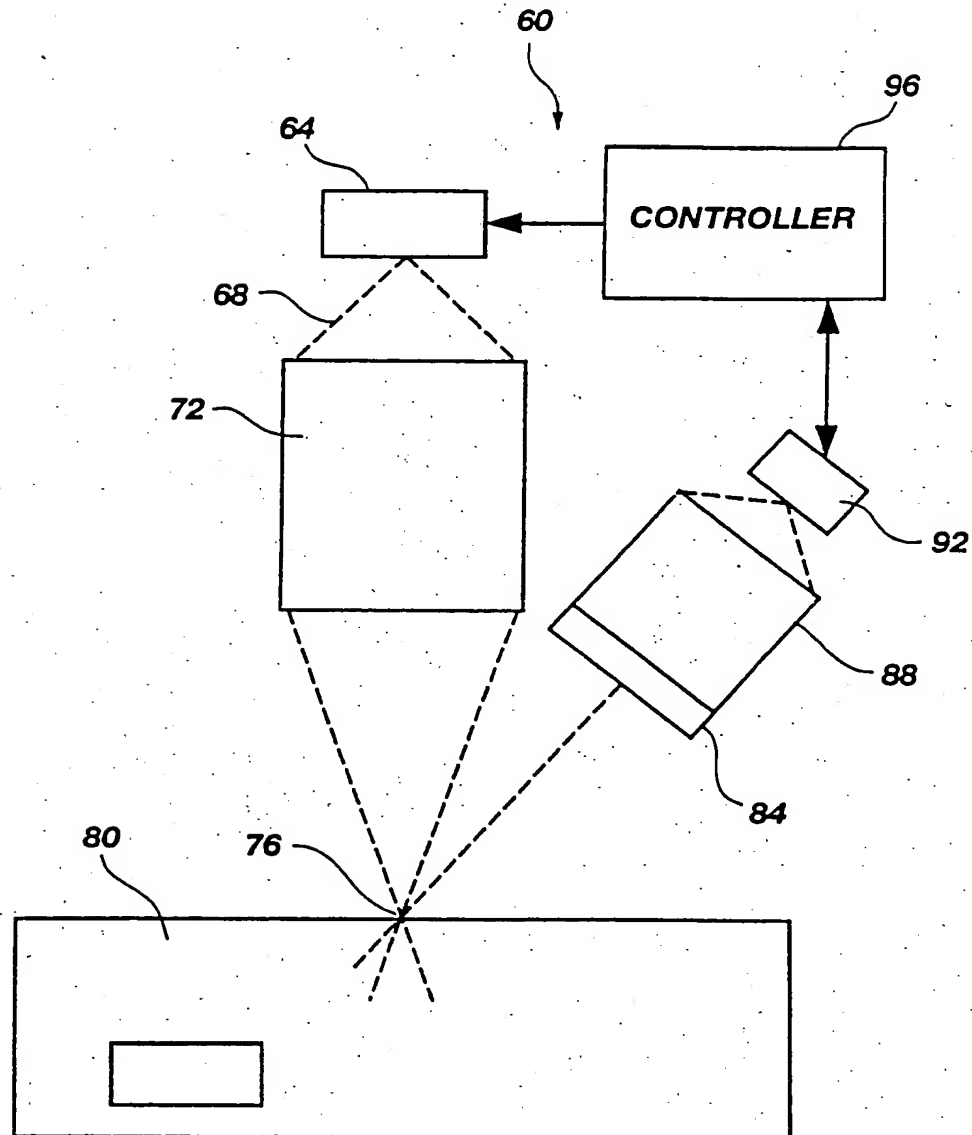


Fig. 2

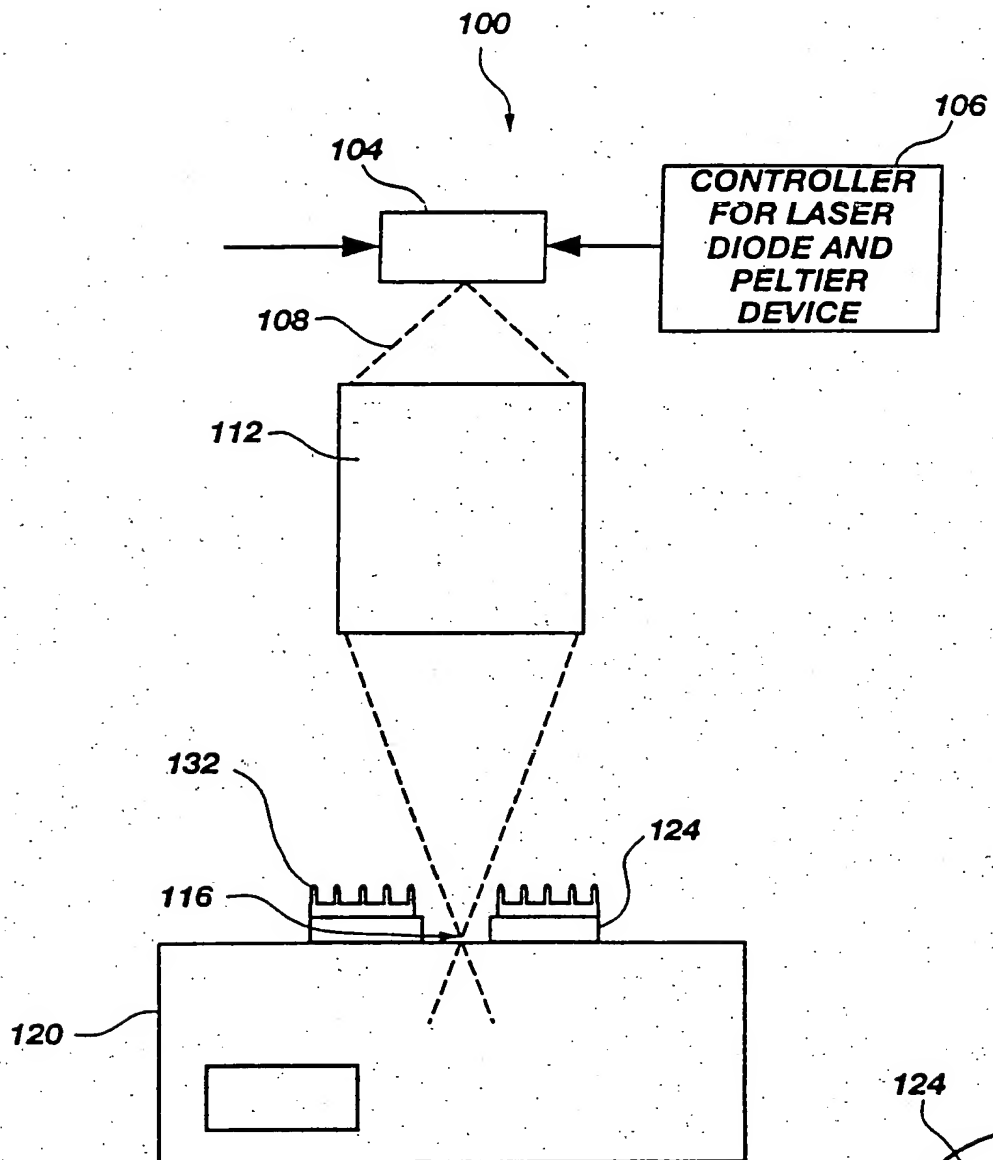


Fig. 3A

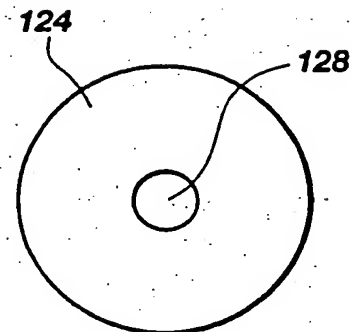


Fig. 3B

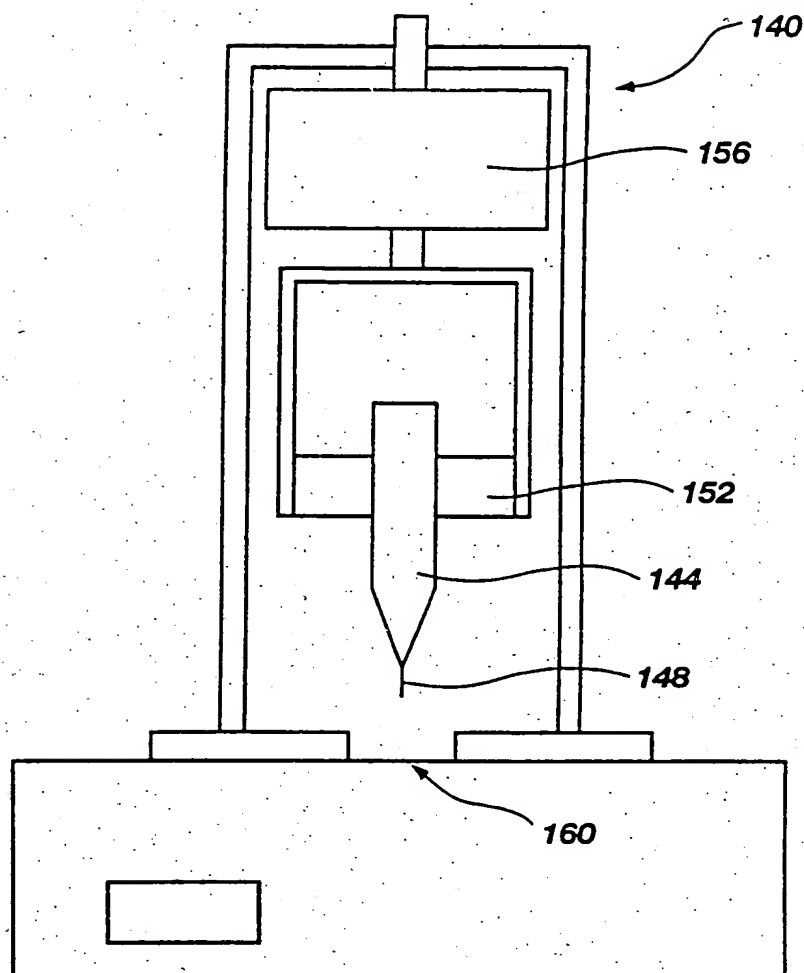


Fig. 4

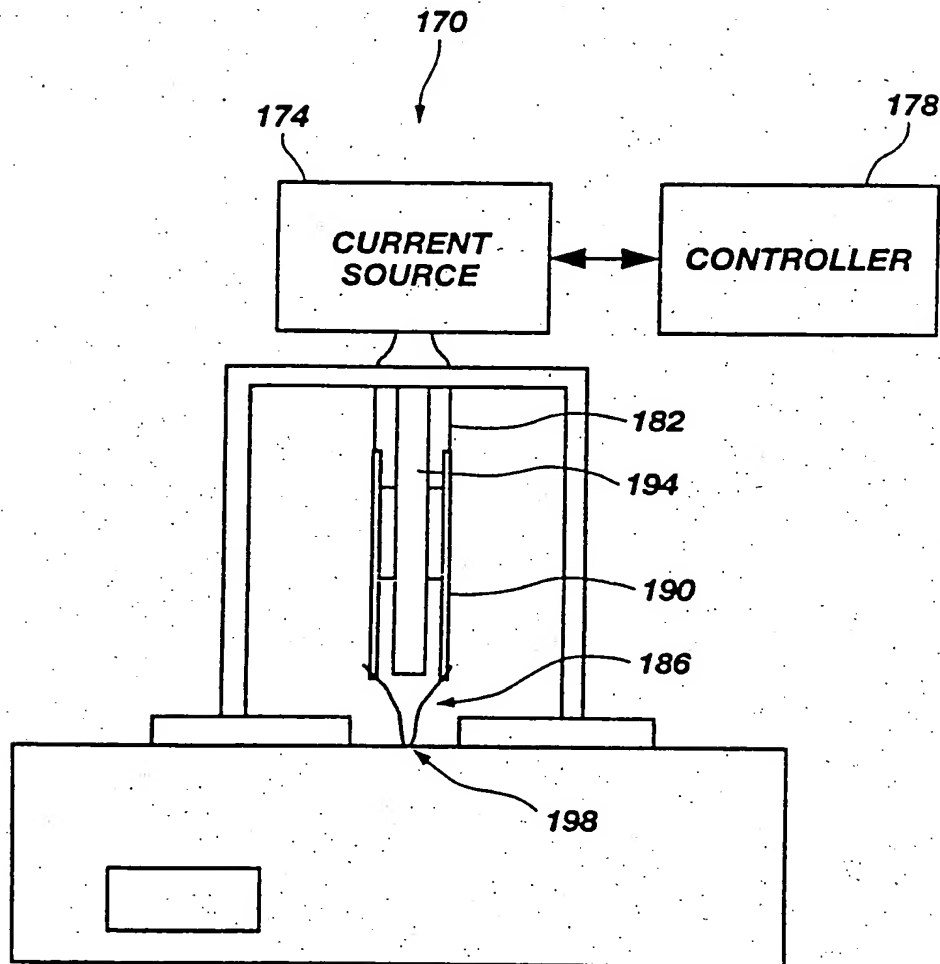


Fig. 5

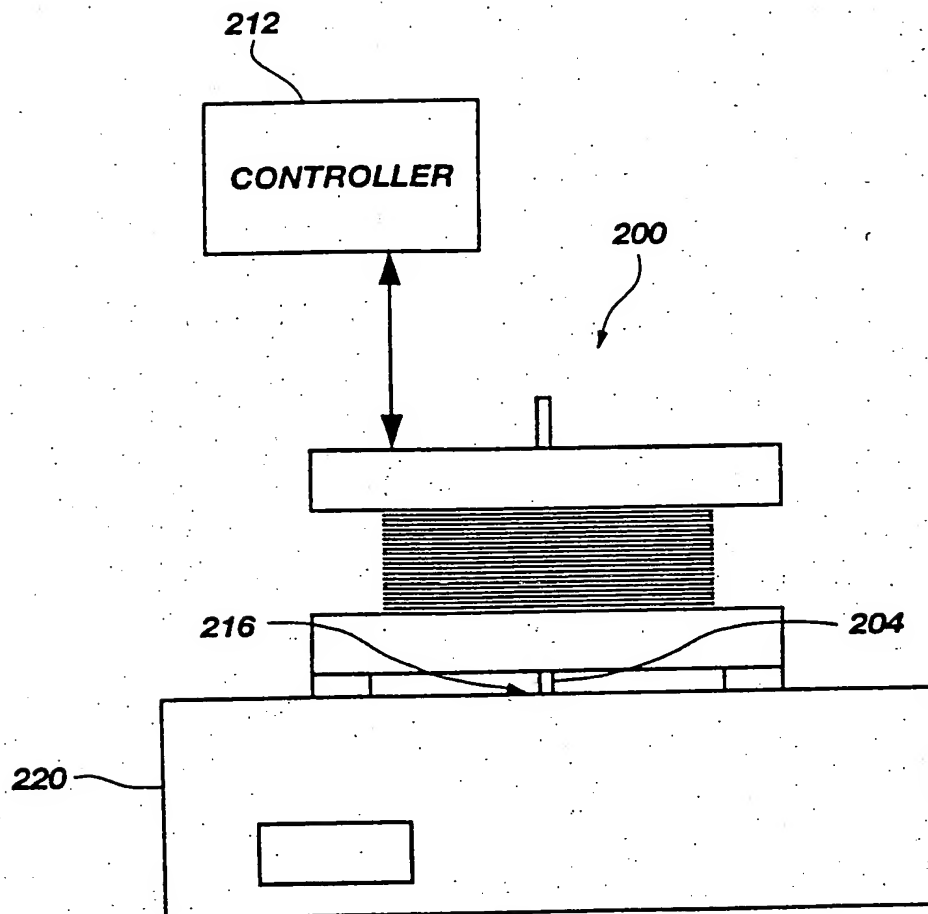


Fig. 6

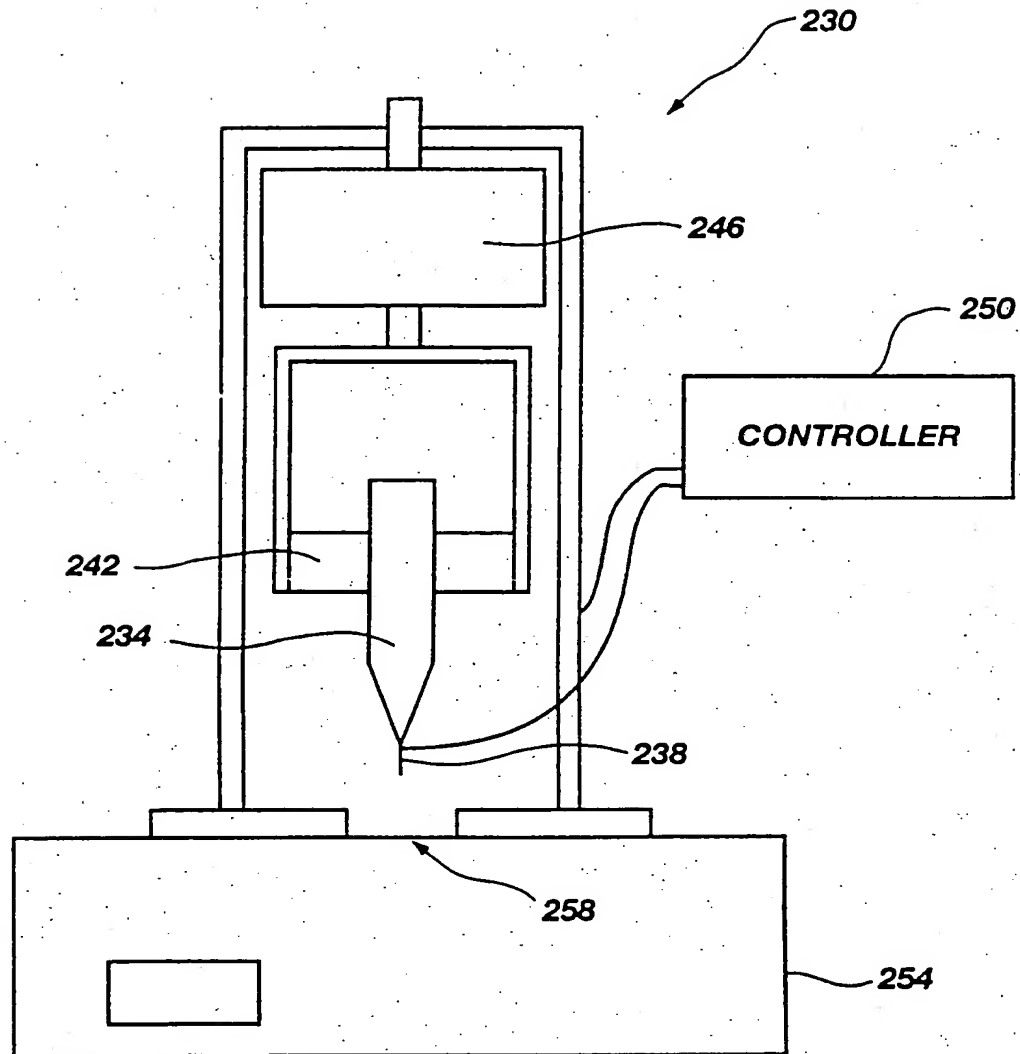


Fig. 7

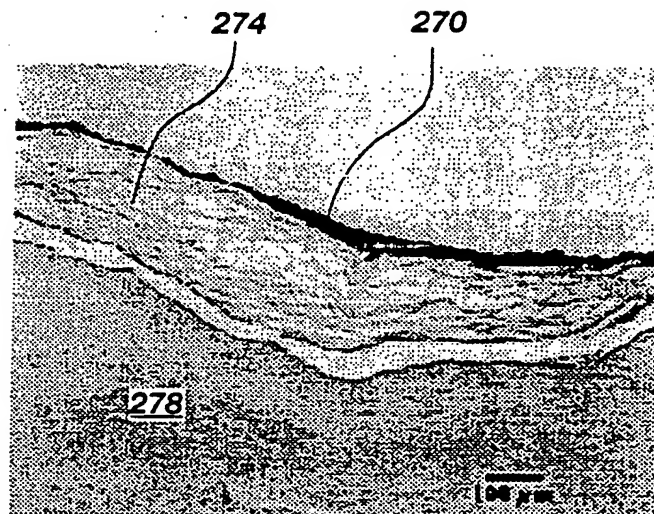


Fig. 8A

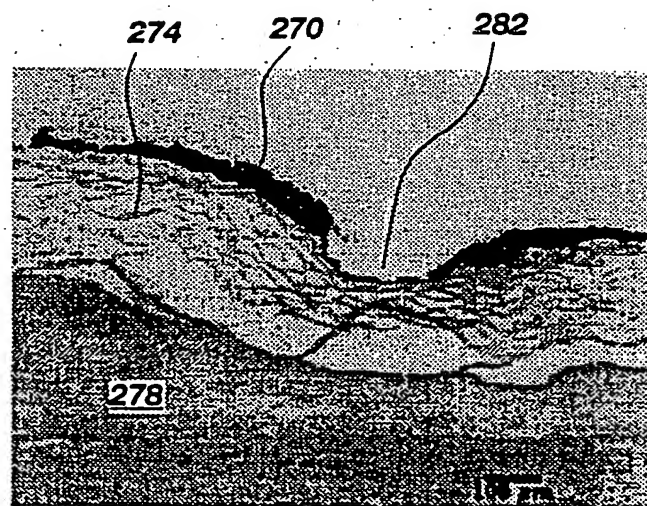


Fig. 8B

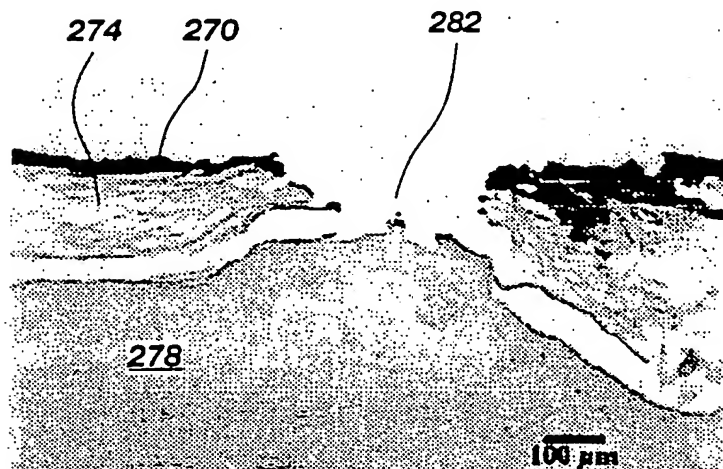


Fig. 8C

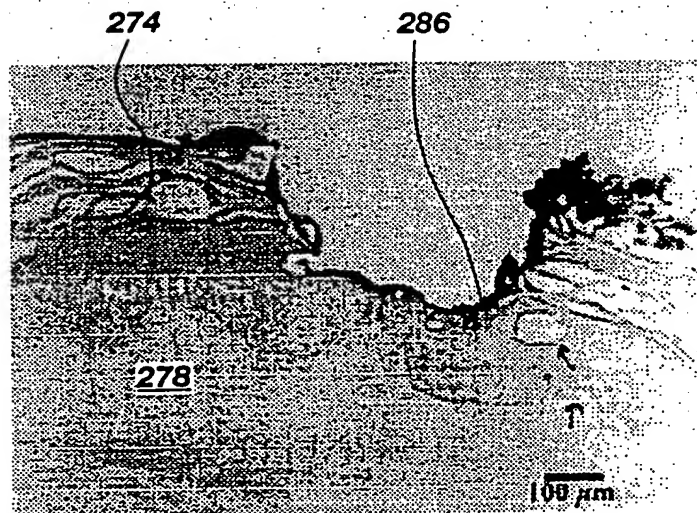


Fig. 8D

MAXIMUM LENGTH OF A SINGLE HEAT PULSE, $t = .021$ SECONDS, UNTIL DAMAGE THRESHOLD ENTERS VIABLE TISSUE

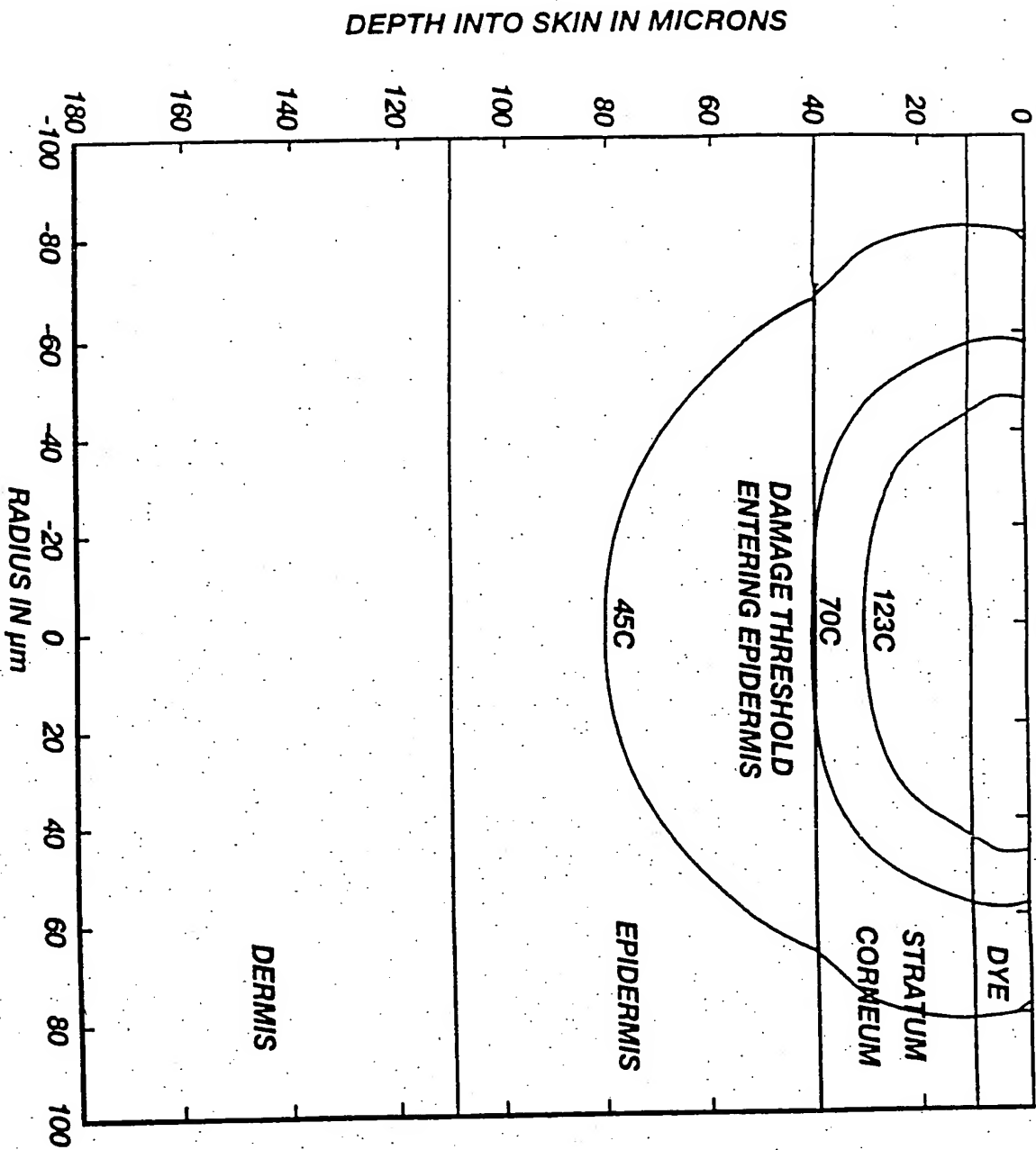


Fig. 9

MAXIMUM LENGTH OF A SINGLE HEAT PULSE, $t = .060$ SECONDS, UNTIL PAIN THRESHOLD ENTERS ENERVATED TISSUE

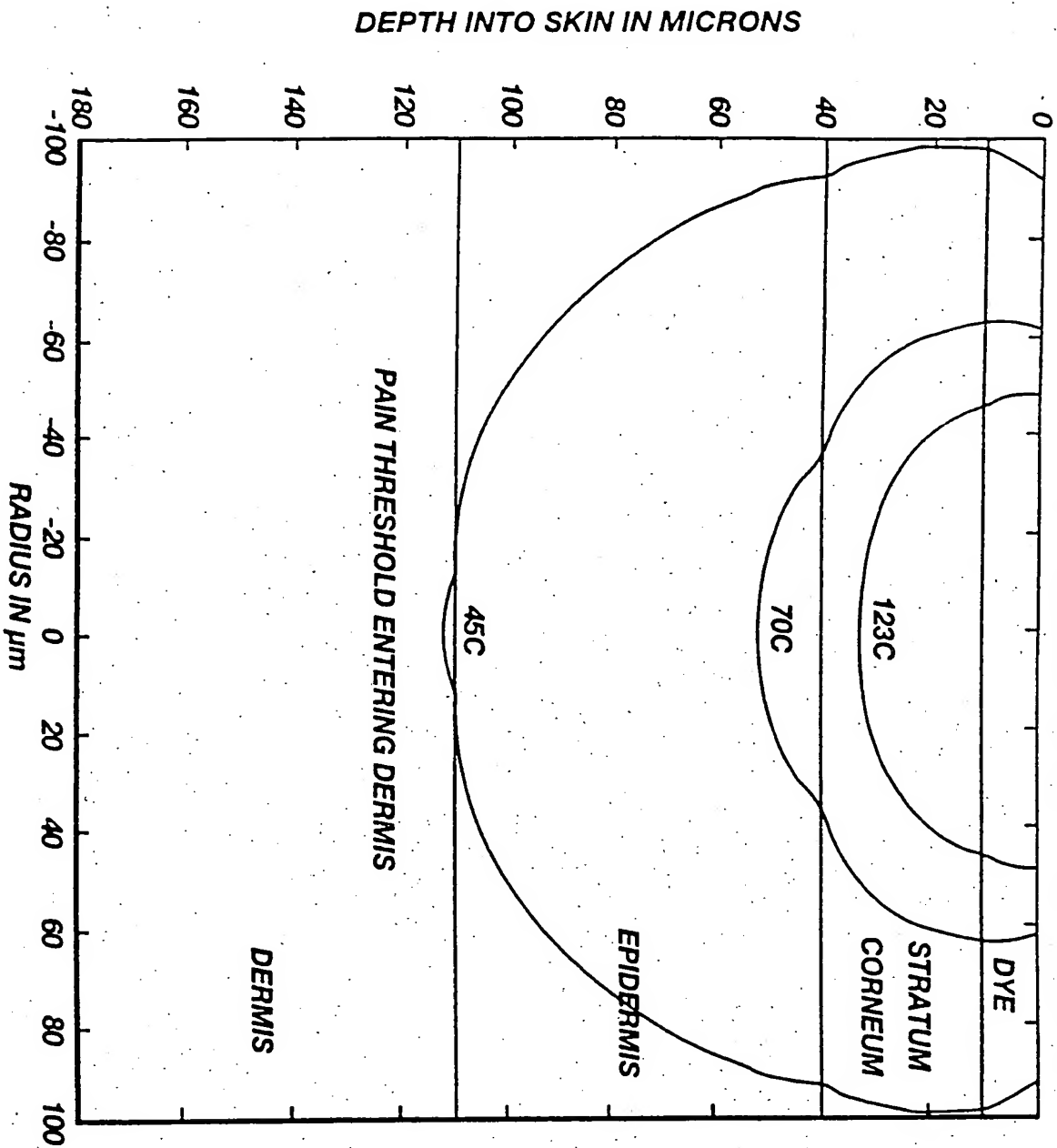
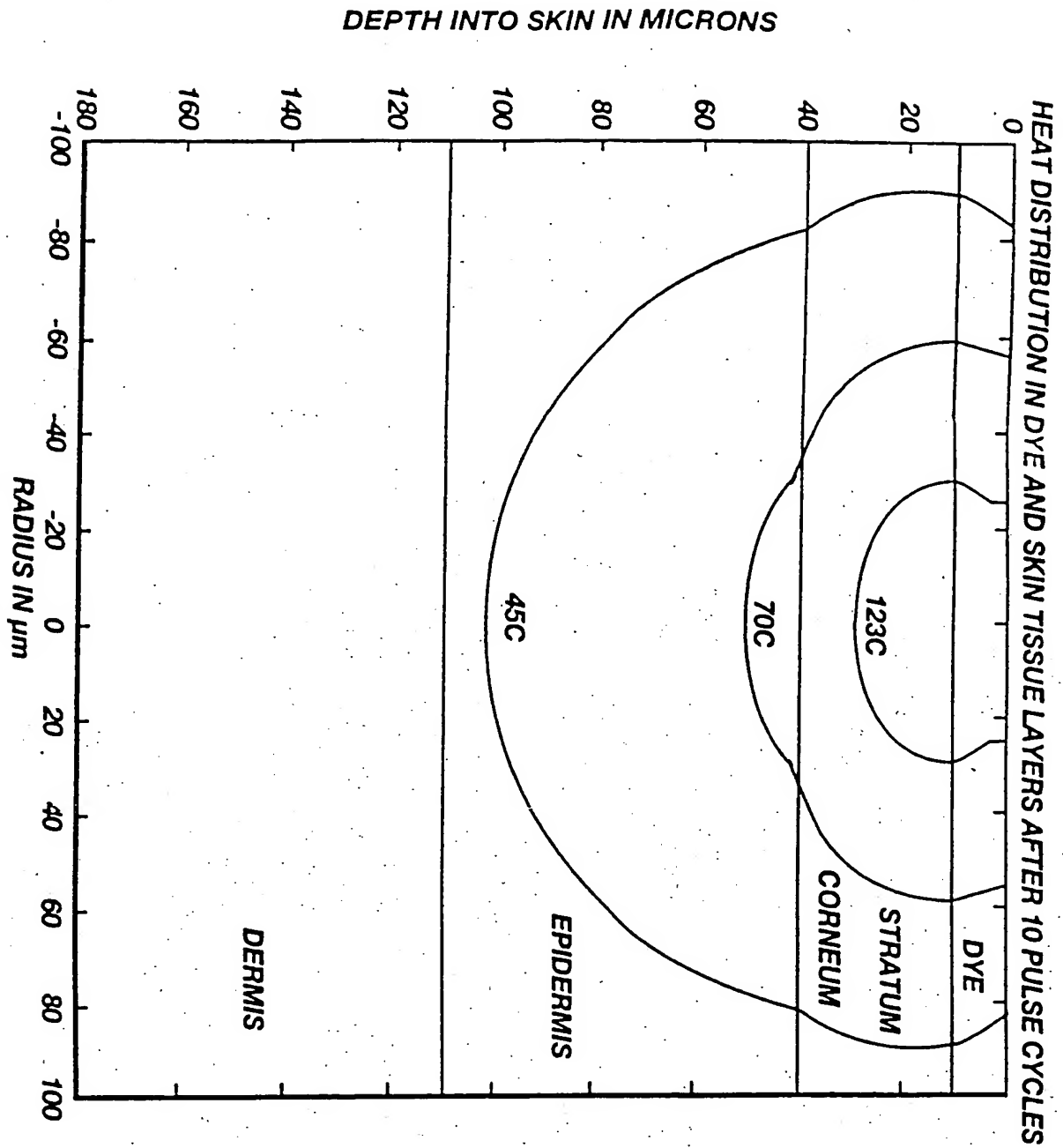


Fig. 10



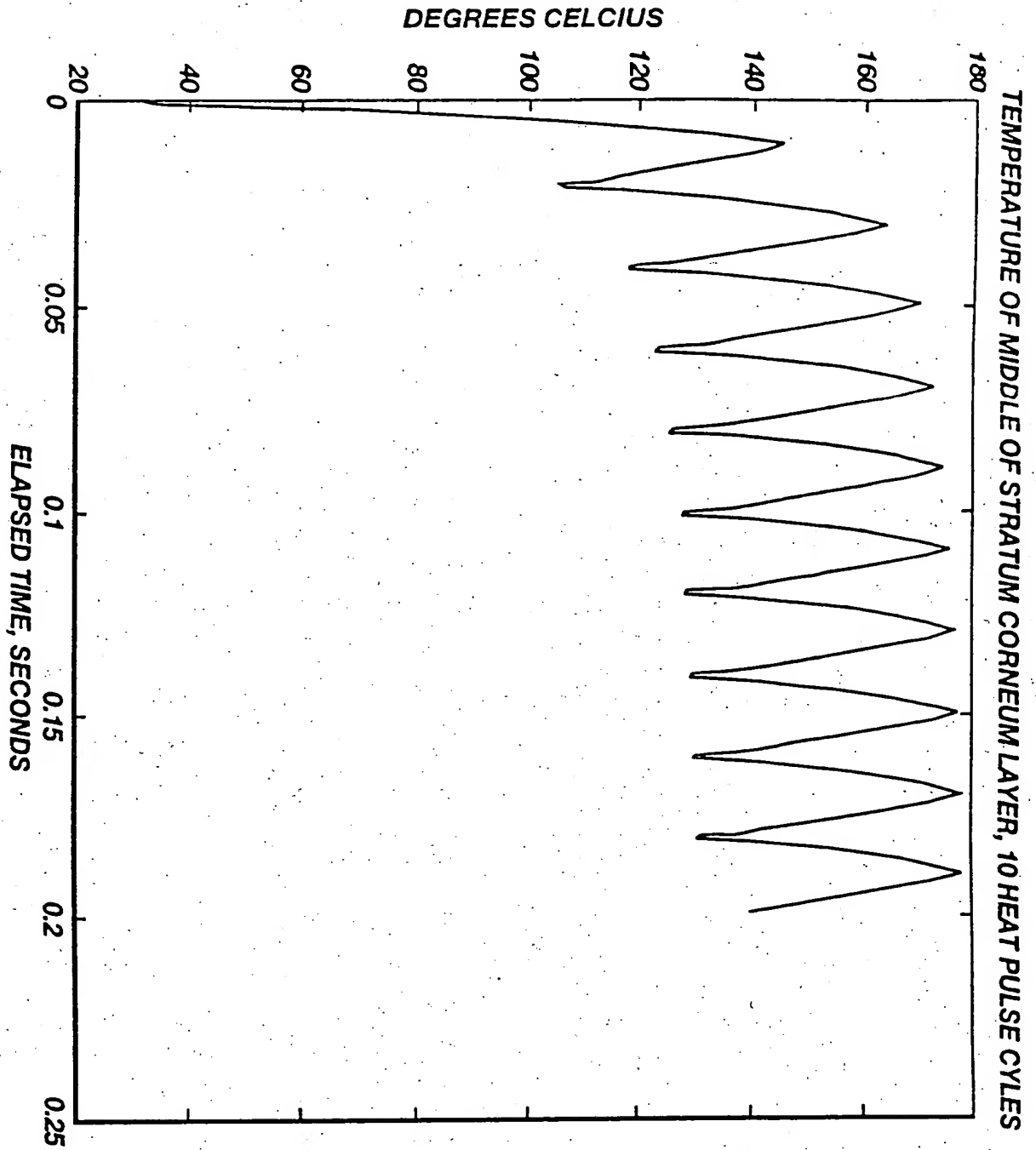
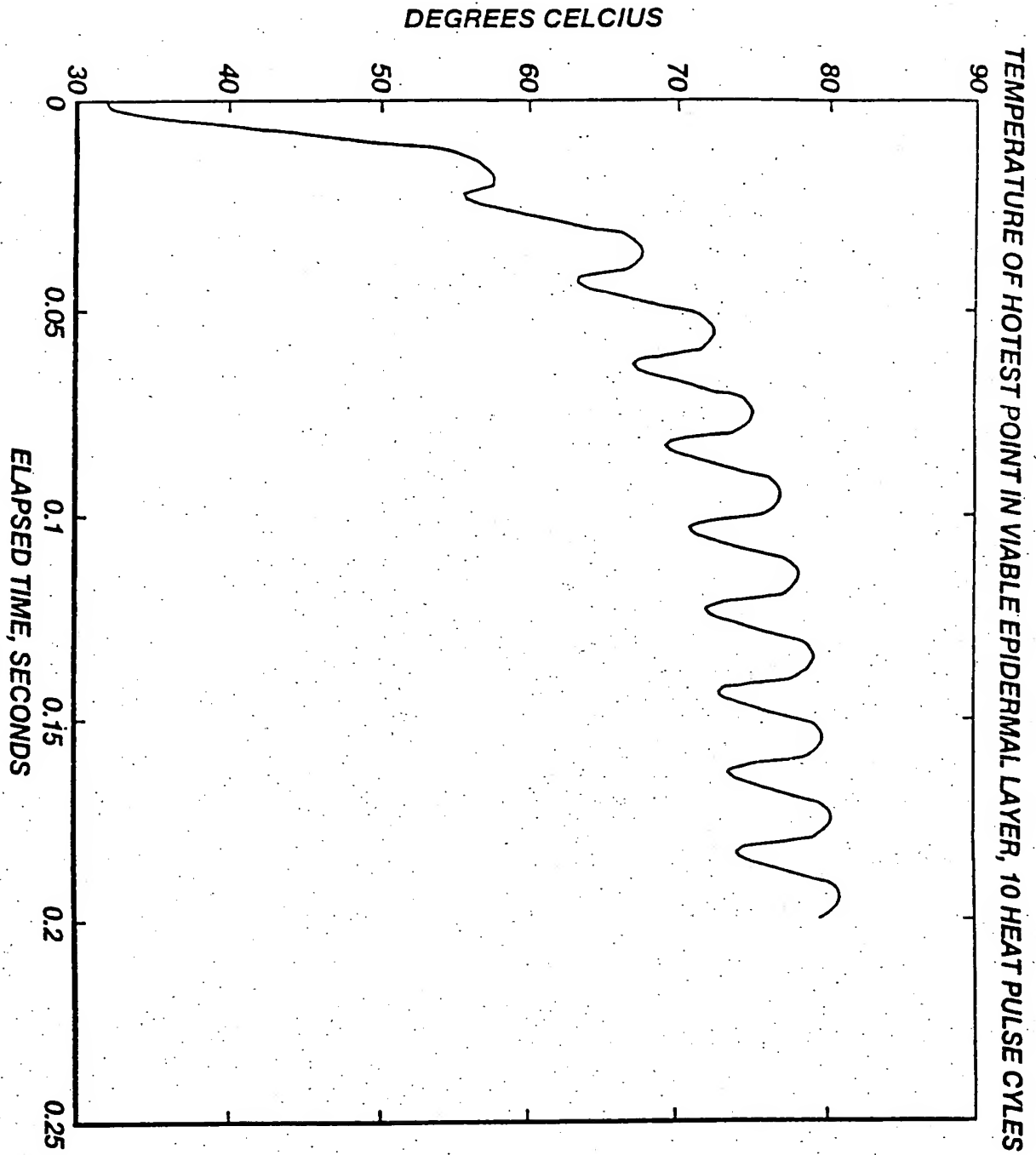
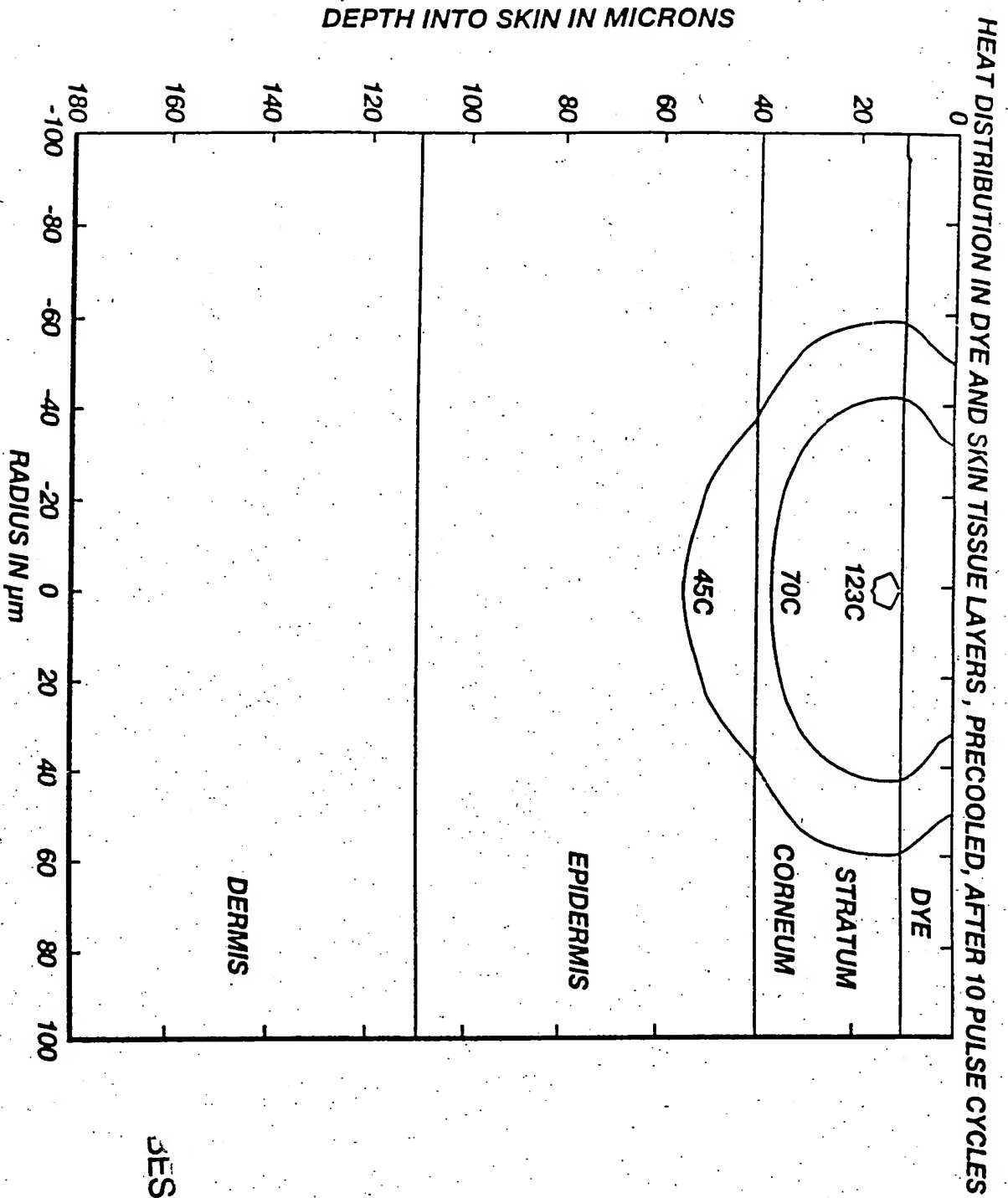


Fig. 12





BEST AVAILABLE COPY

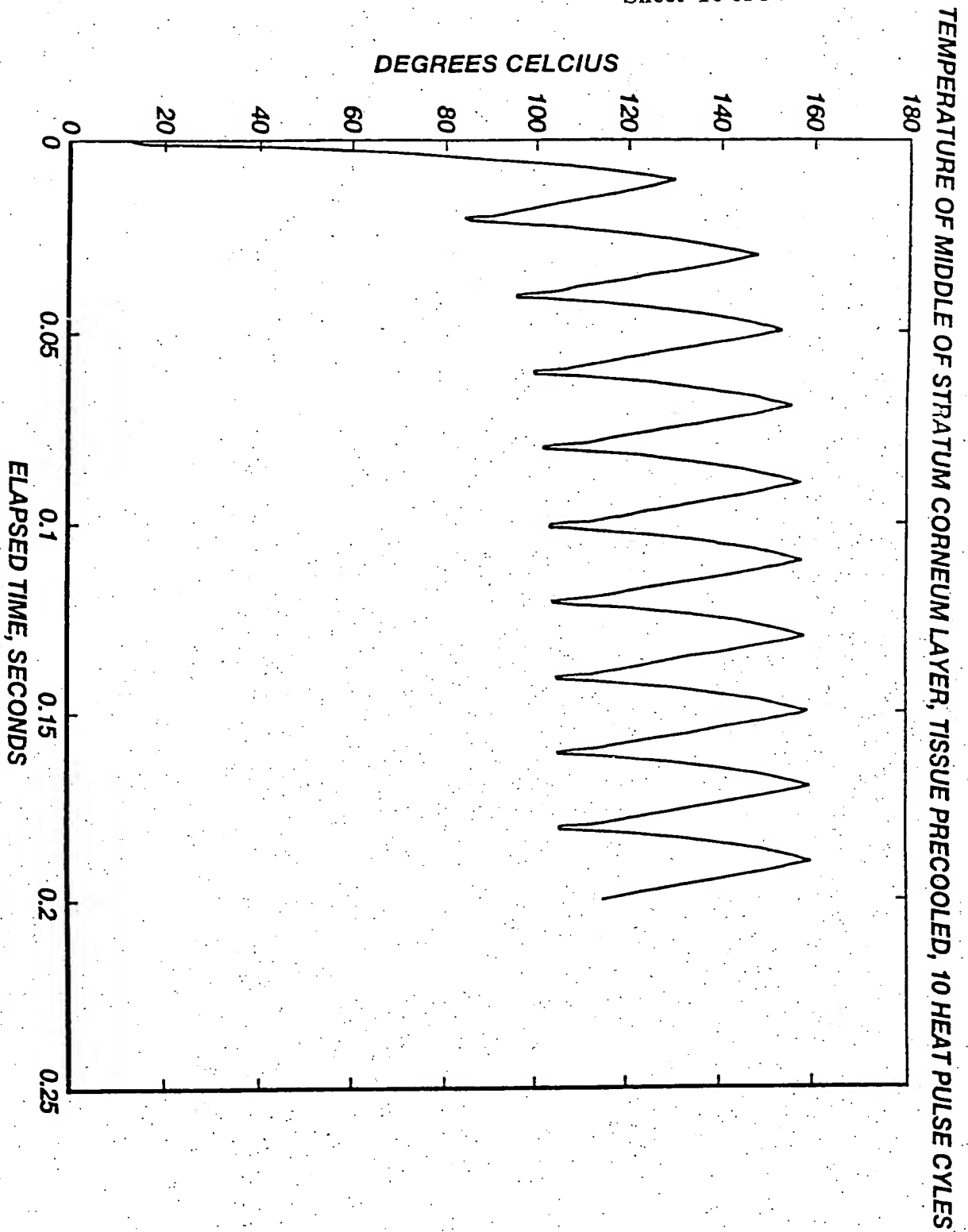
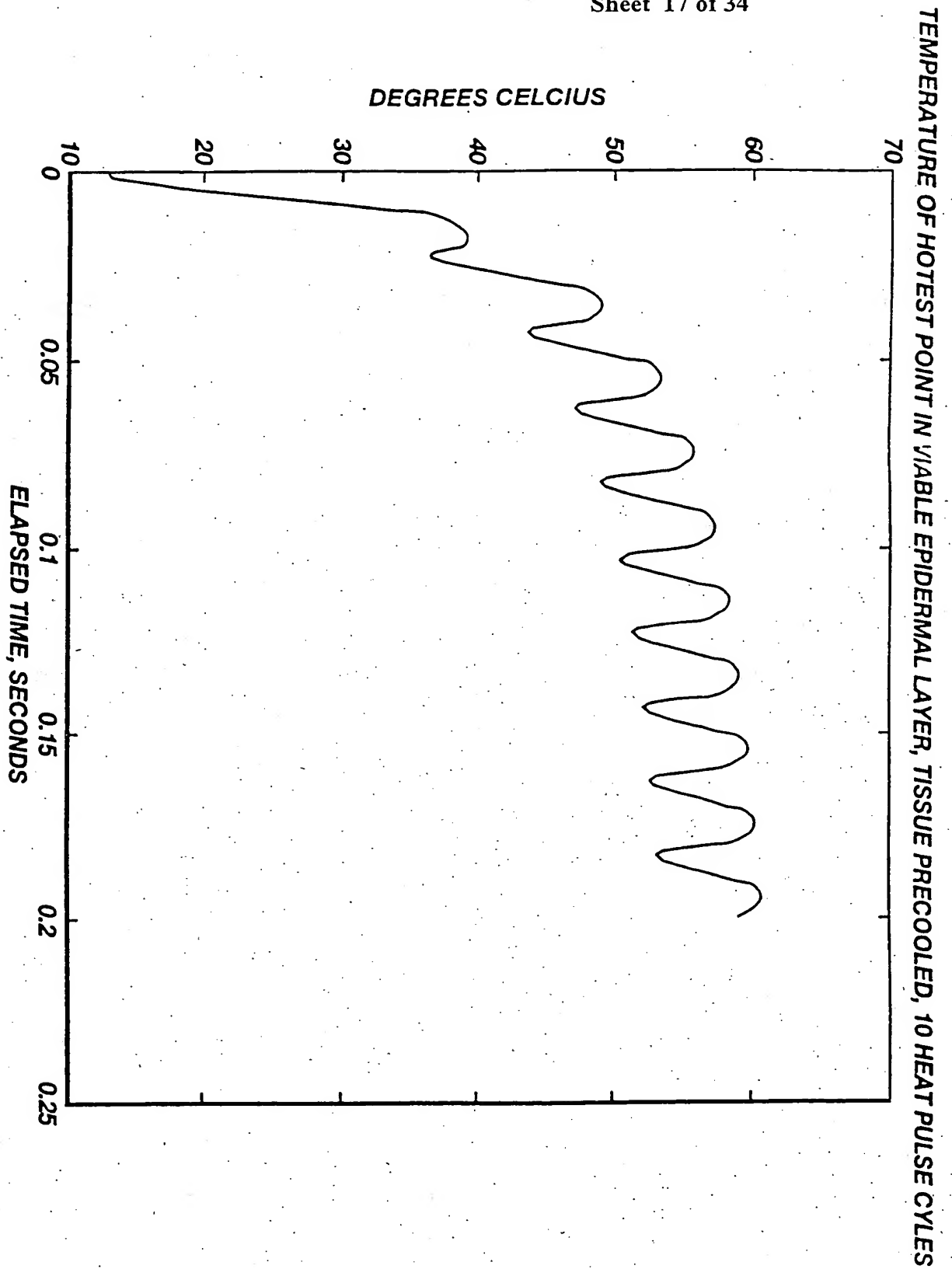


Fig. 15



HEAT DISTRIBUTION IN SKIN TISSUE LAYERS AFTER 10 PULSE CYCLES OF HOT WIRE THERMAL PROBE

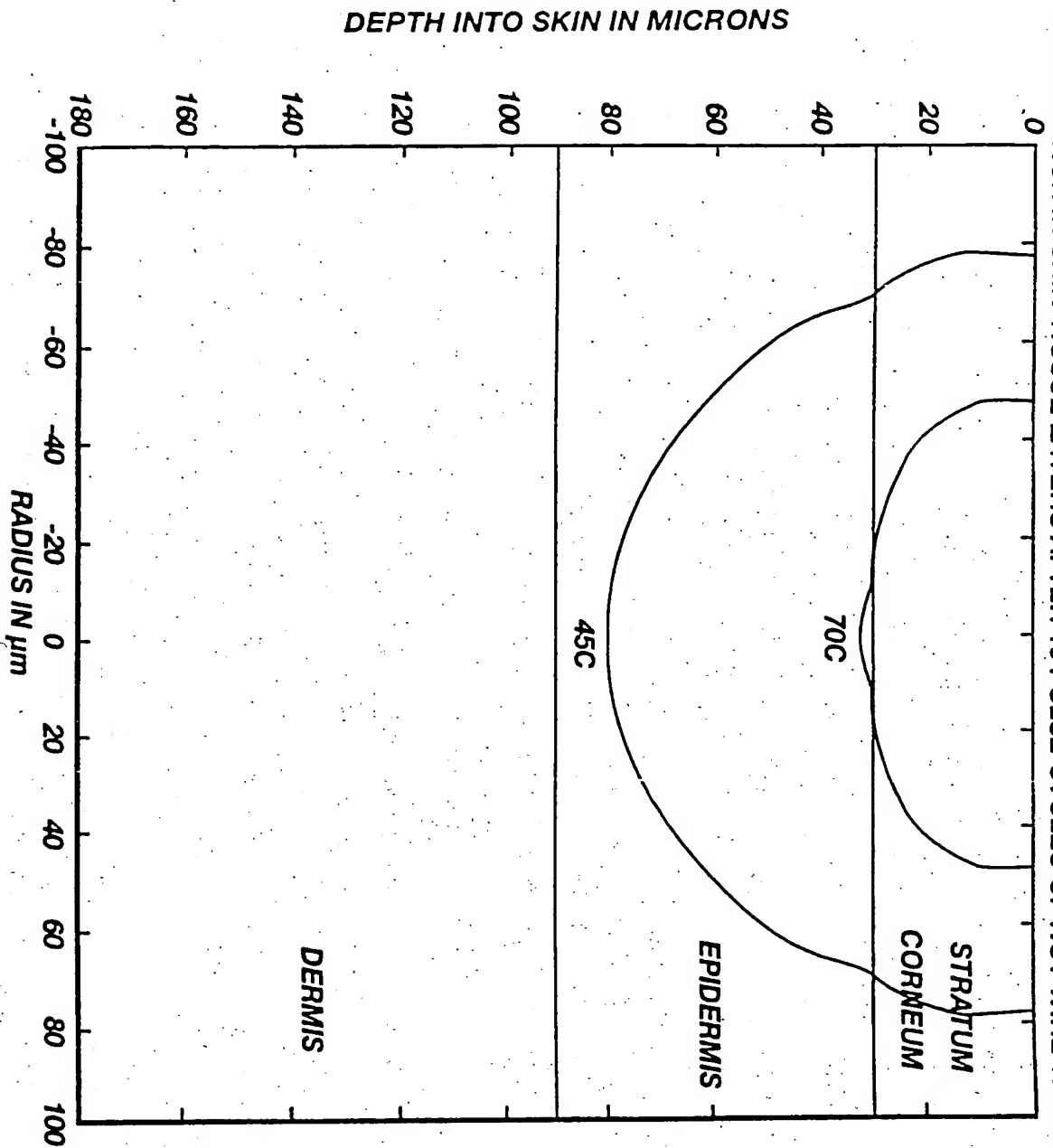


Fig. 17

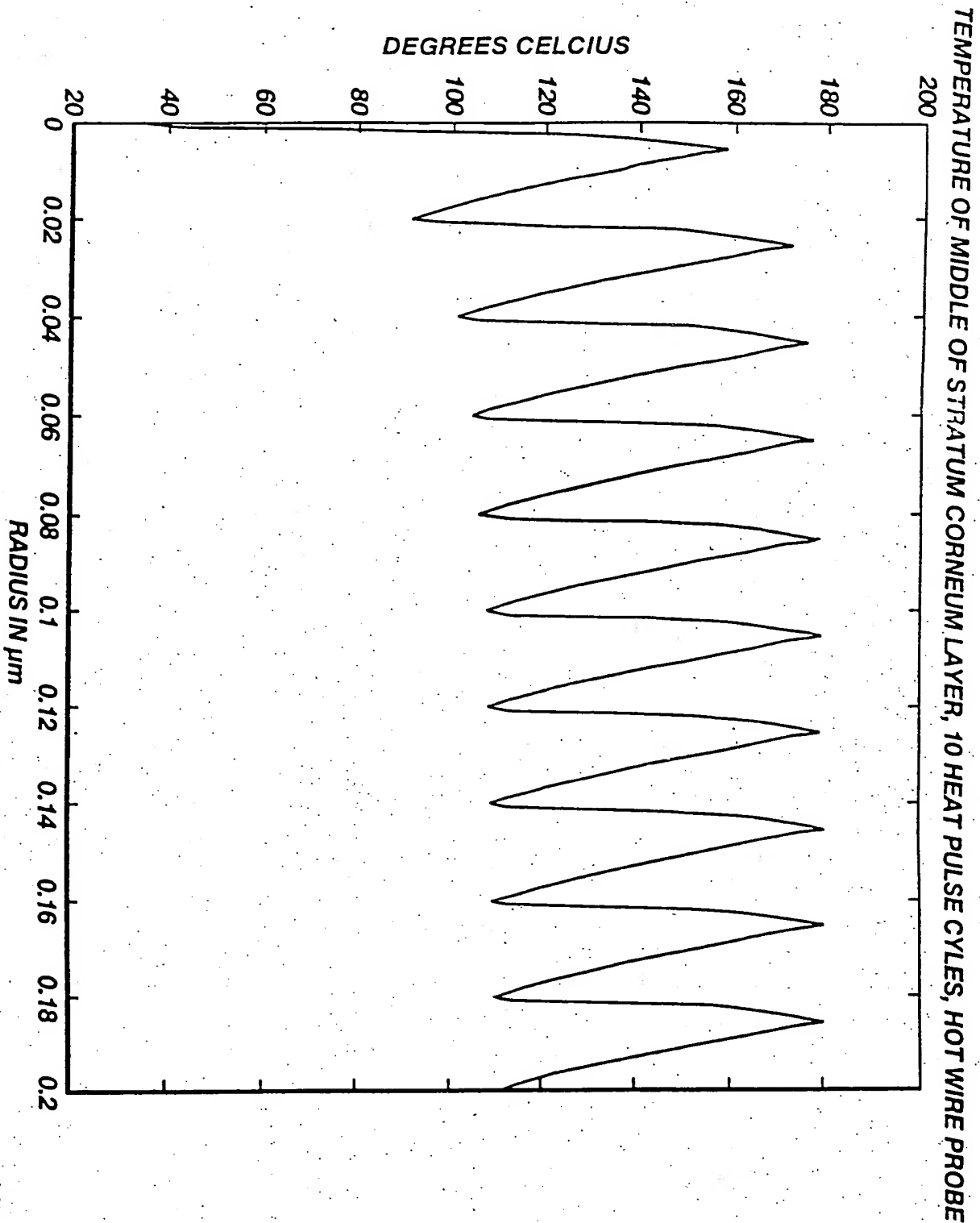


Fig. 18

TEMPERATURE OF HOTTEST POINT IN VIABLE EPIDERMAL LAYER, 10 HEAT PULSE CYCLES, HOT WIRE PROBE

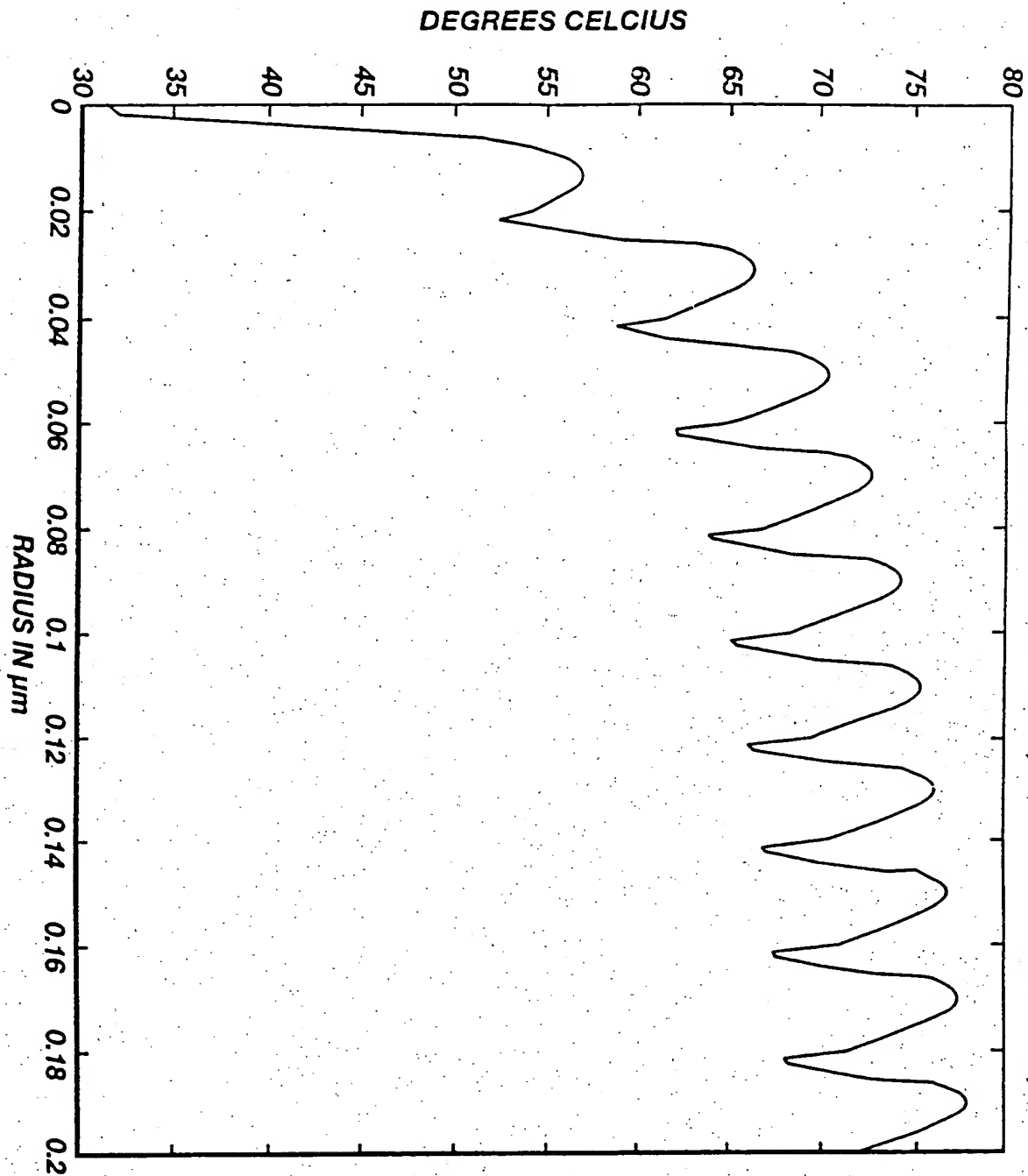


Fig. 19

HEAT DISTRIBUTION IN PRECOOLED SKIN TISSUE LAYERS AFTER 10 PULSE CYCLES OF HOT WIRE THERMAL PROBE

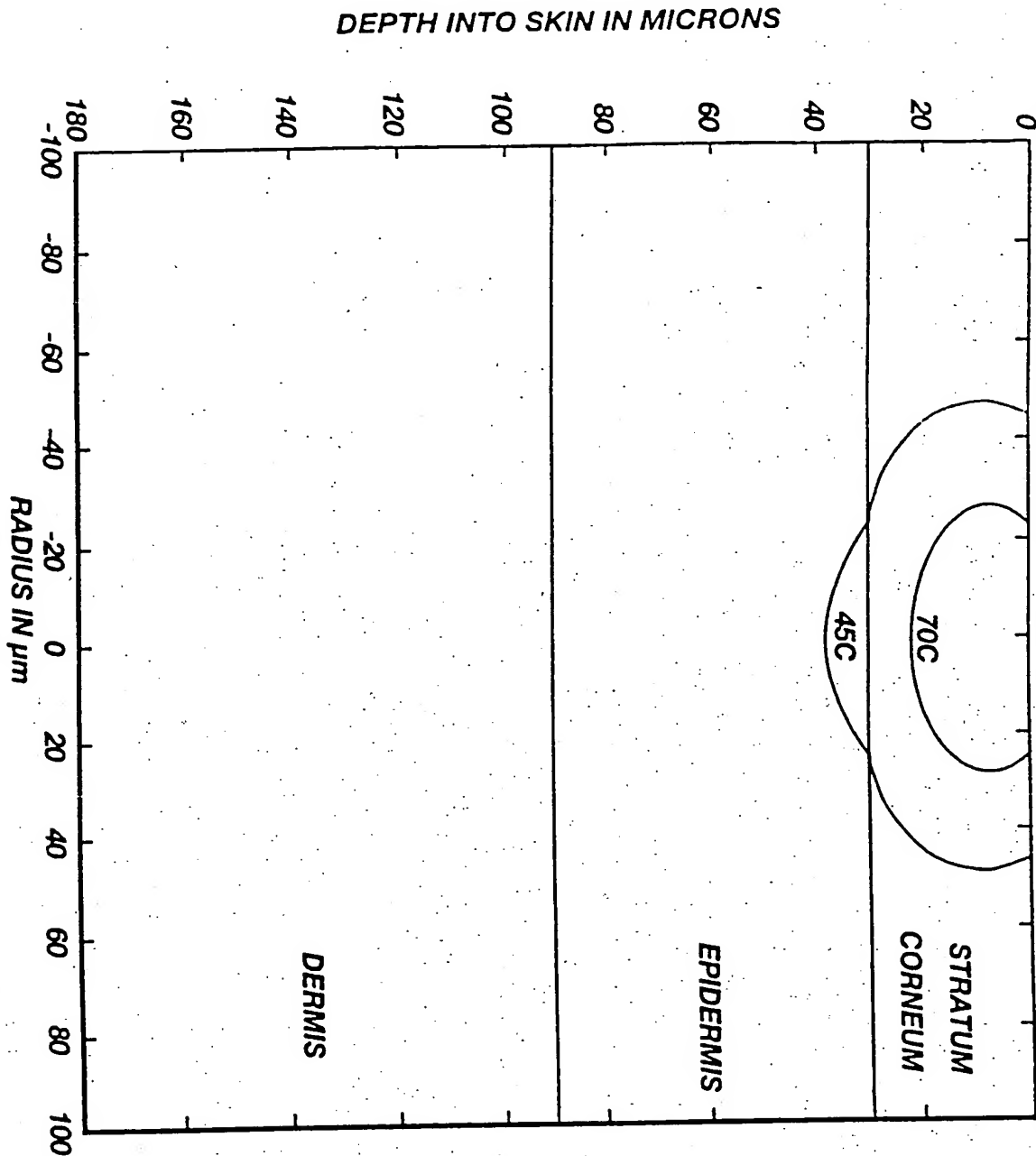


Fig. 20

TEMPERATURE OF MIDDLE OF PRECOOLED STRATUM CORNEUM LAYER, 10 HEAT PULSE CYCLES, HOT WIRE PROBE

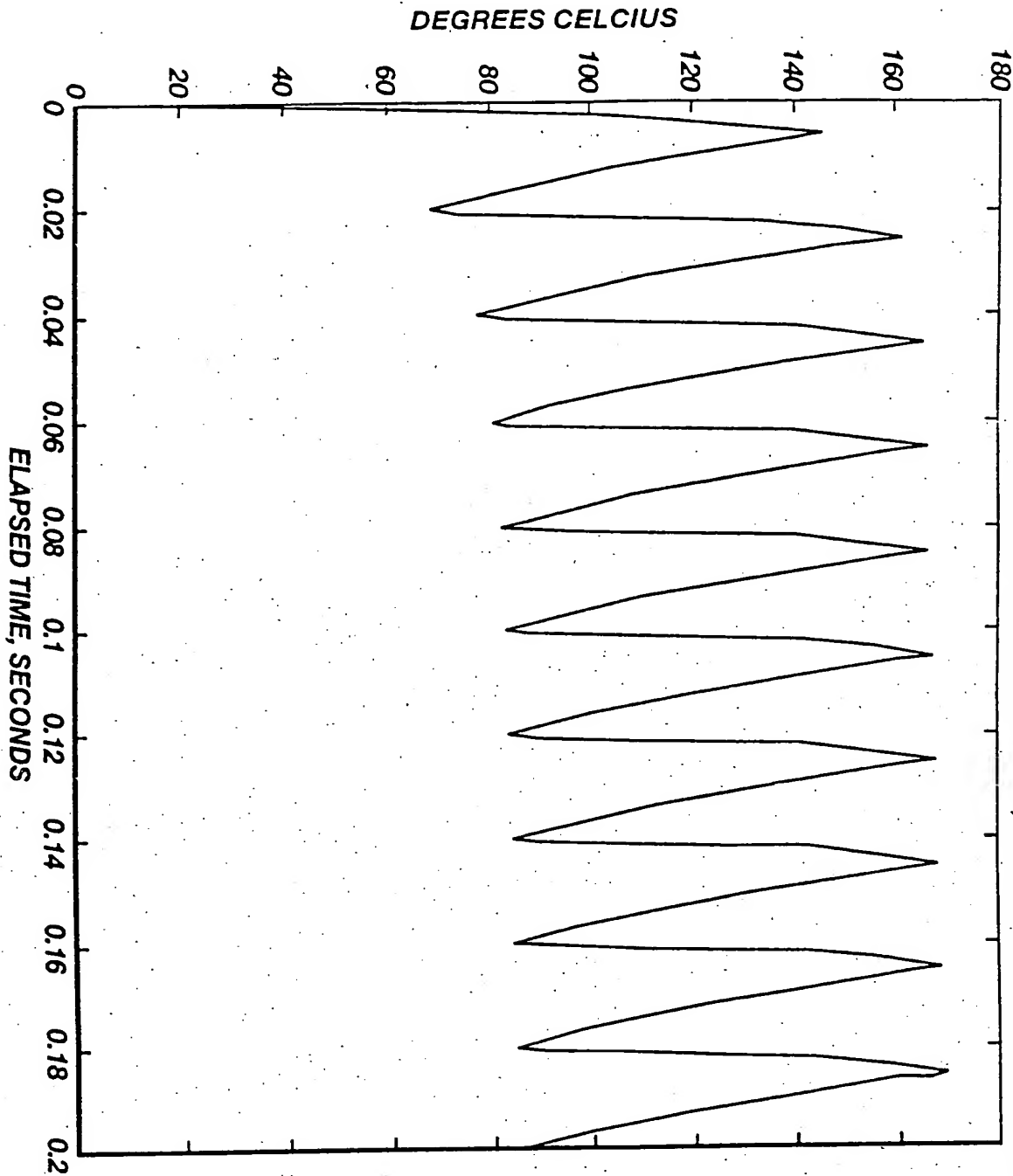


Fig. 21

TEMPERATURE OF HOTTEST POINT IN VIABLE PRECOOLED EPIDERMAL LAYER, 10 HEAT PULSE CYCLES, HOT WIRE PROBE

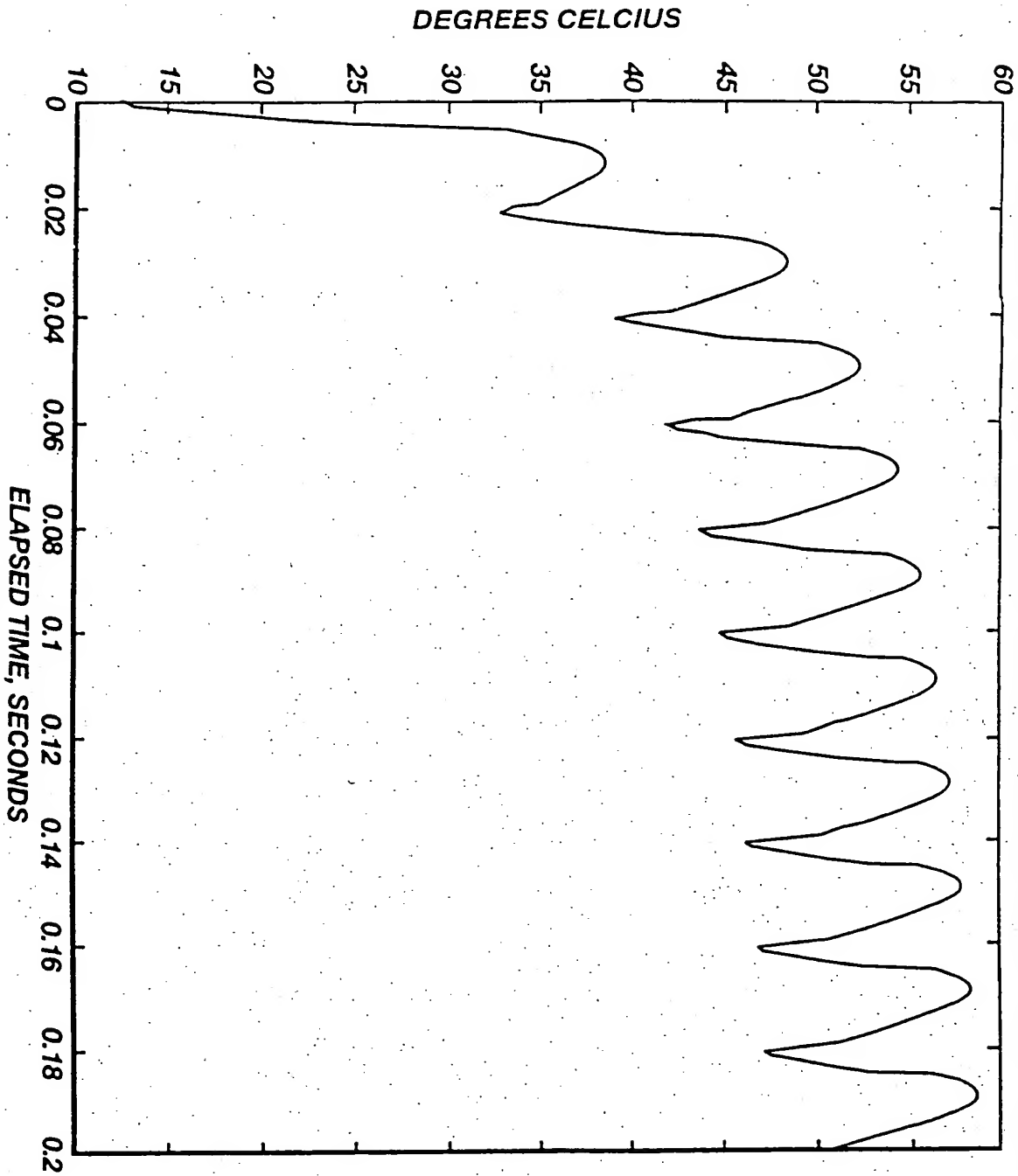
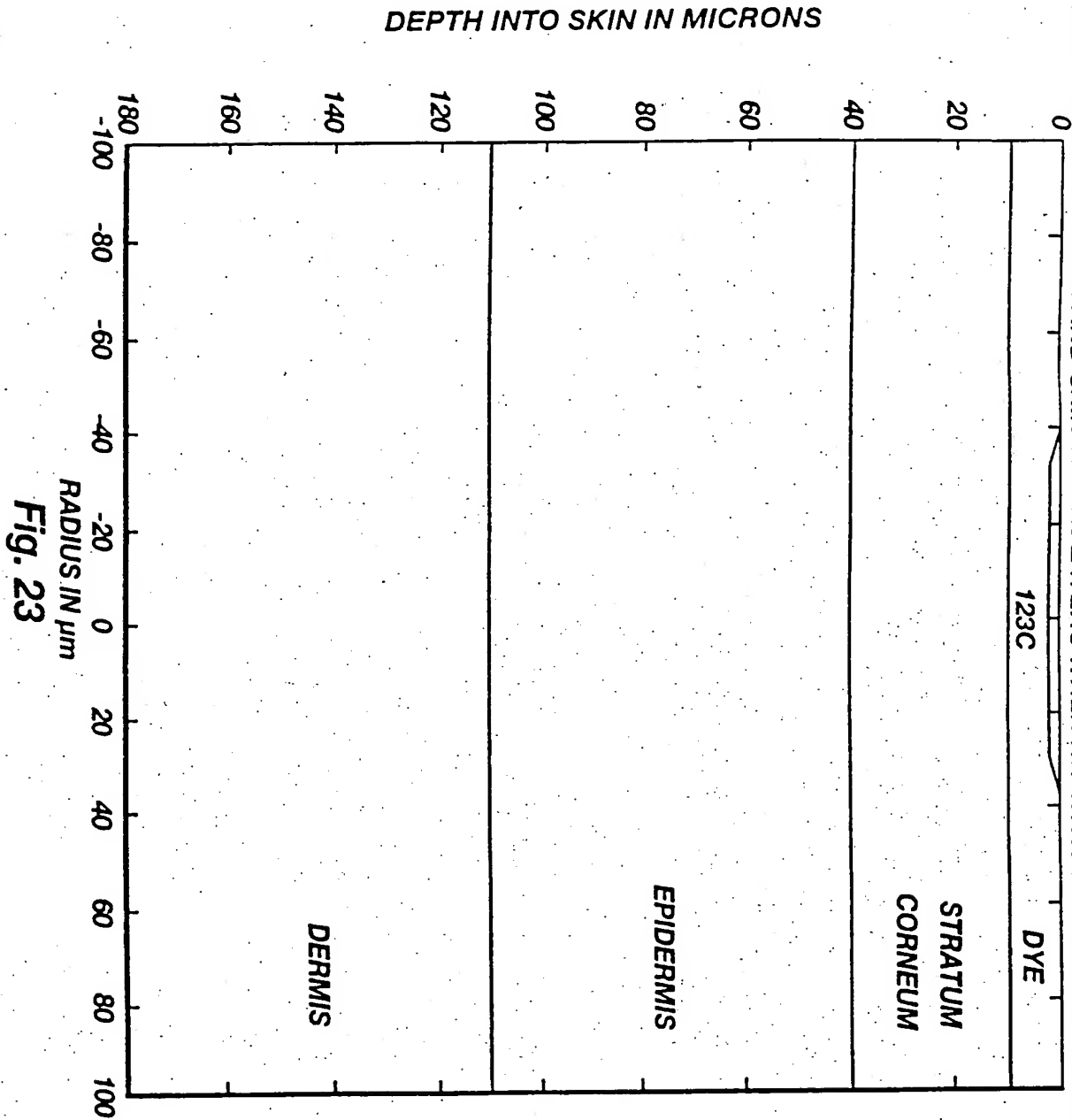


Fig. 22

HEAT DISTRIBUTION IN CPC DYE AND SKIN TISSUE LAYERS WHEN HIT WITH TANKOVICH 1 US HIGH POWER LASER



TEMPERATURE OF MIDDLE OF STRATUM CORNEUM LAYER, 10 HIGH POWER, 1 μ S LASER PULSES, AS PER TANKOVICH

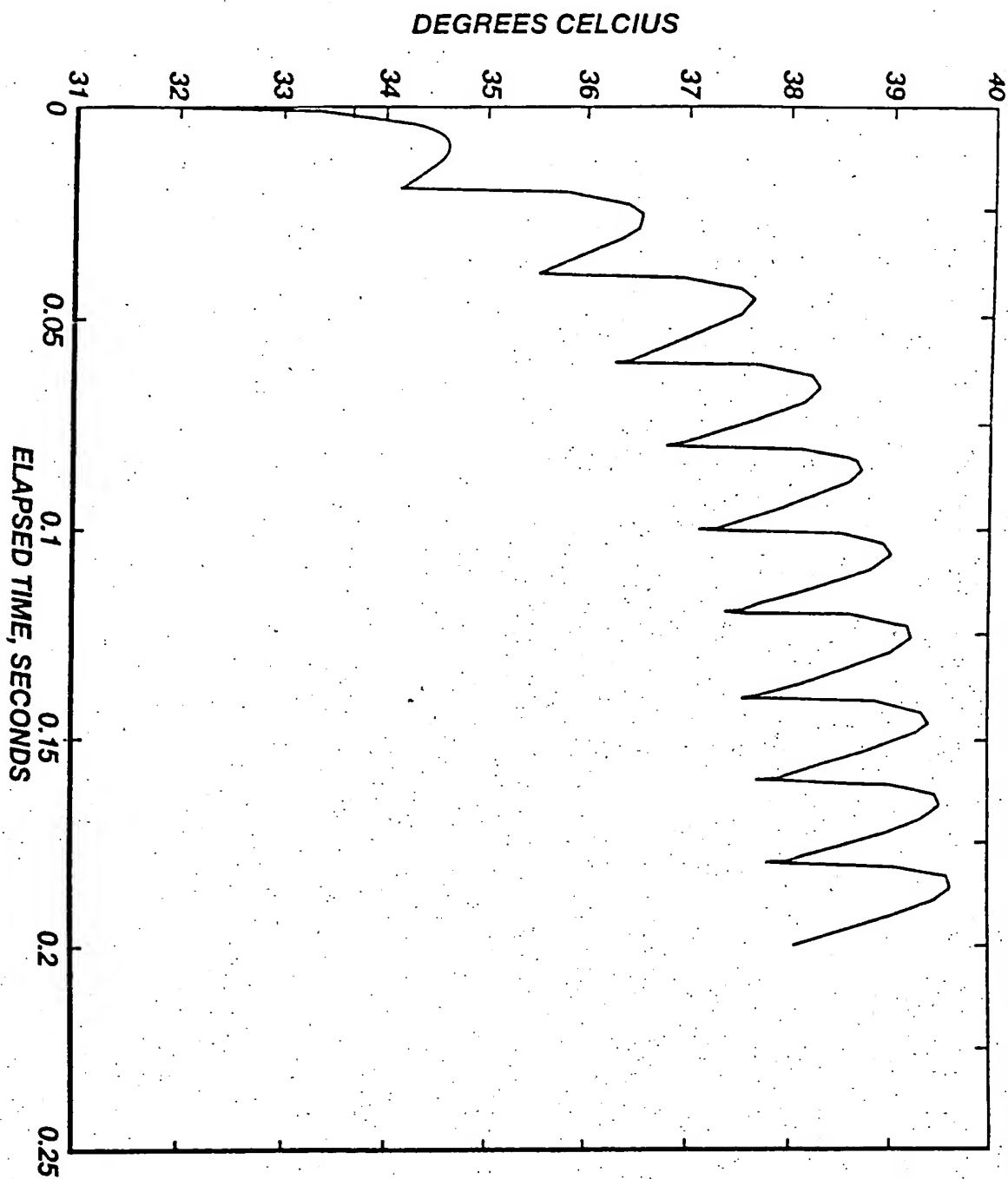
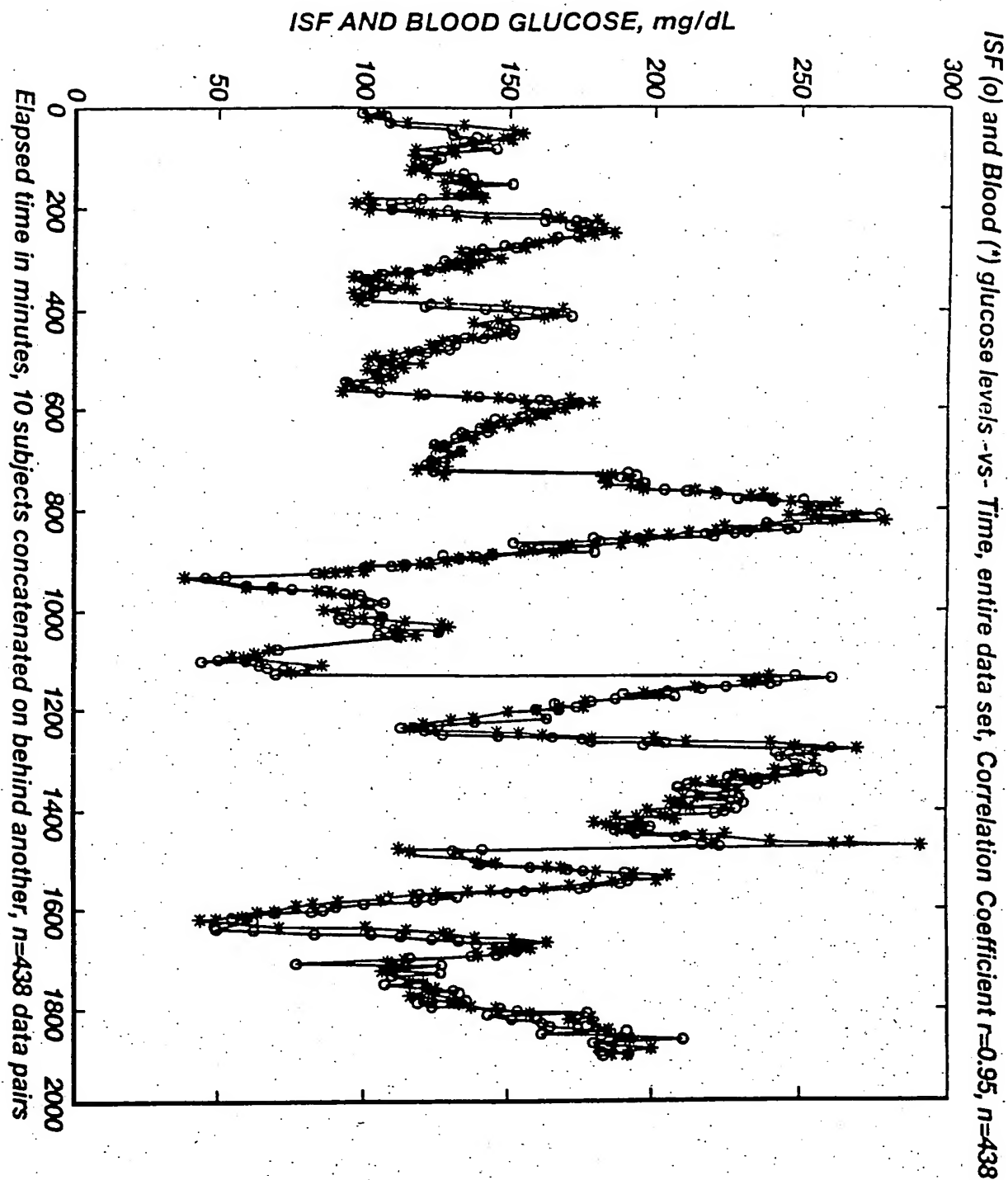


Fig. 24



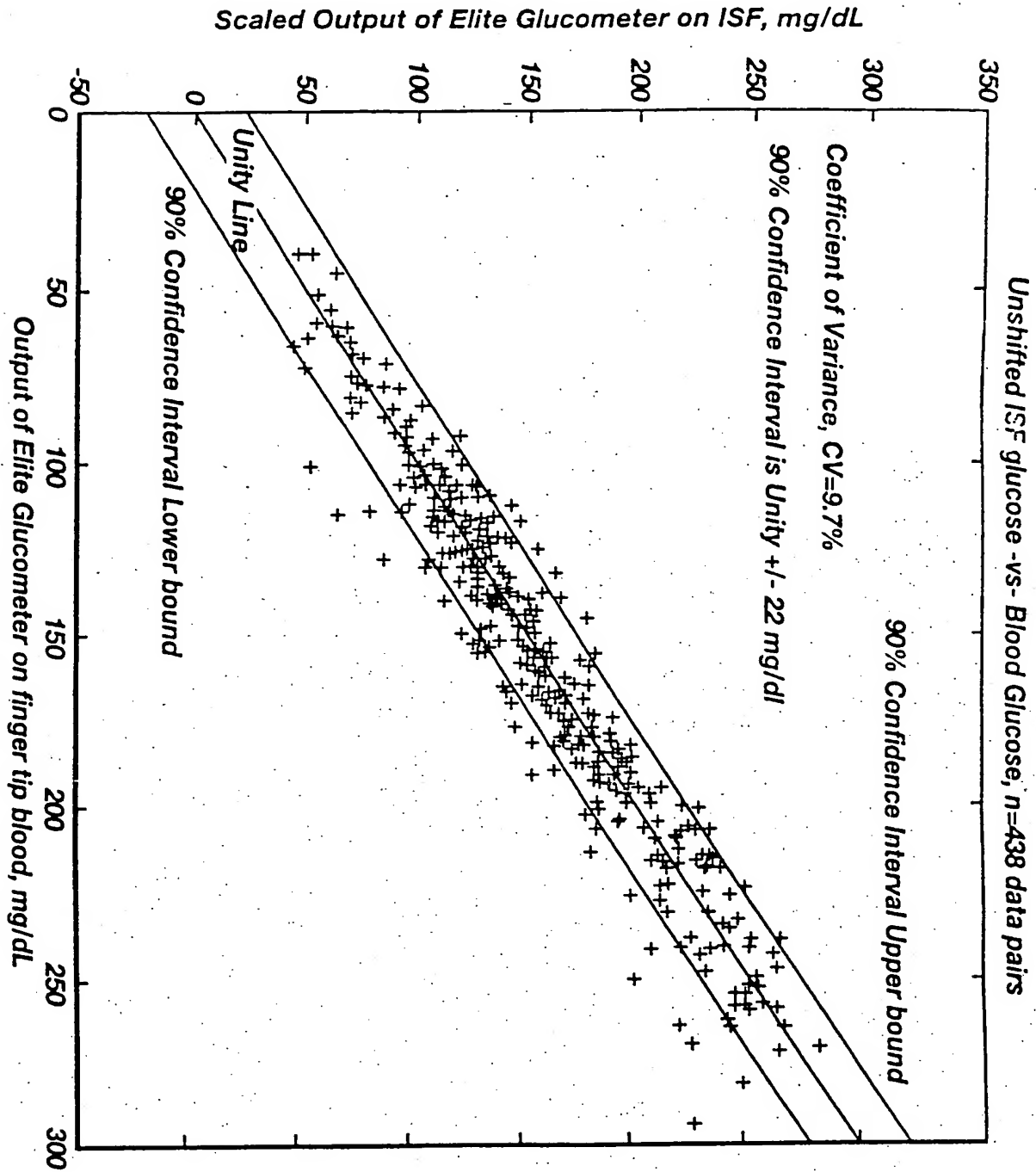


Fig. 26

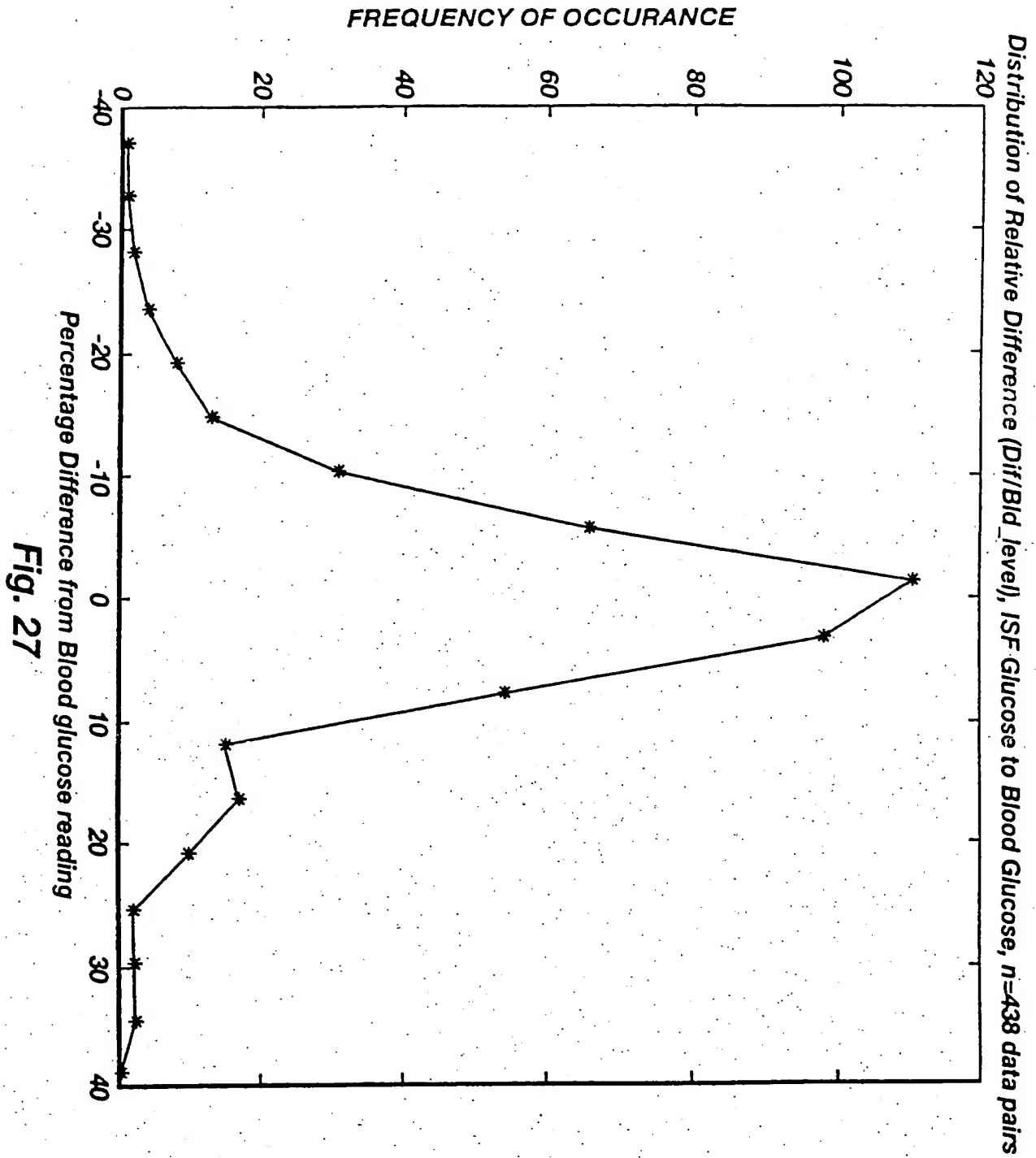


Fig. 27

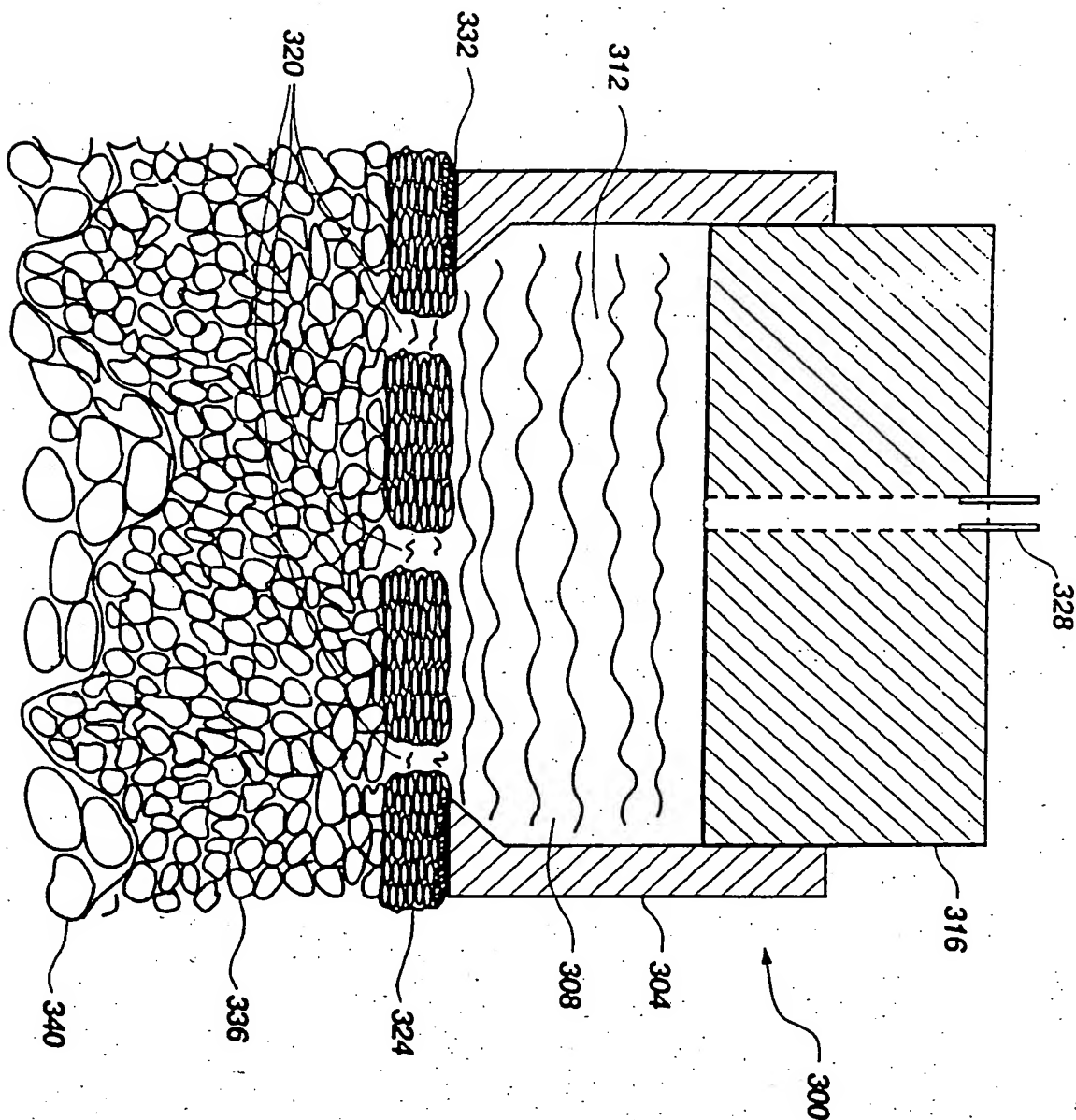


Fig. 28

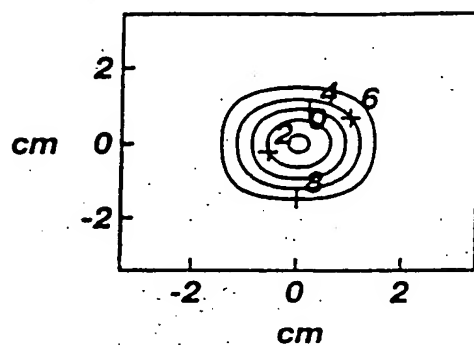


Fig. 29A

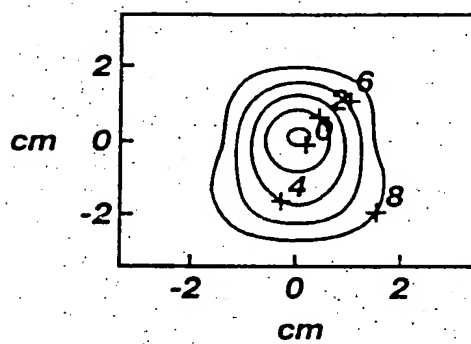


Fig. 29B

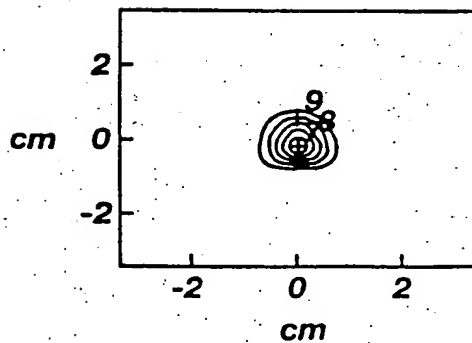


Fig. 29C

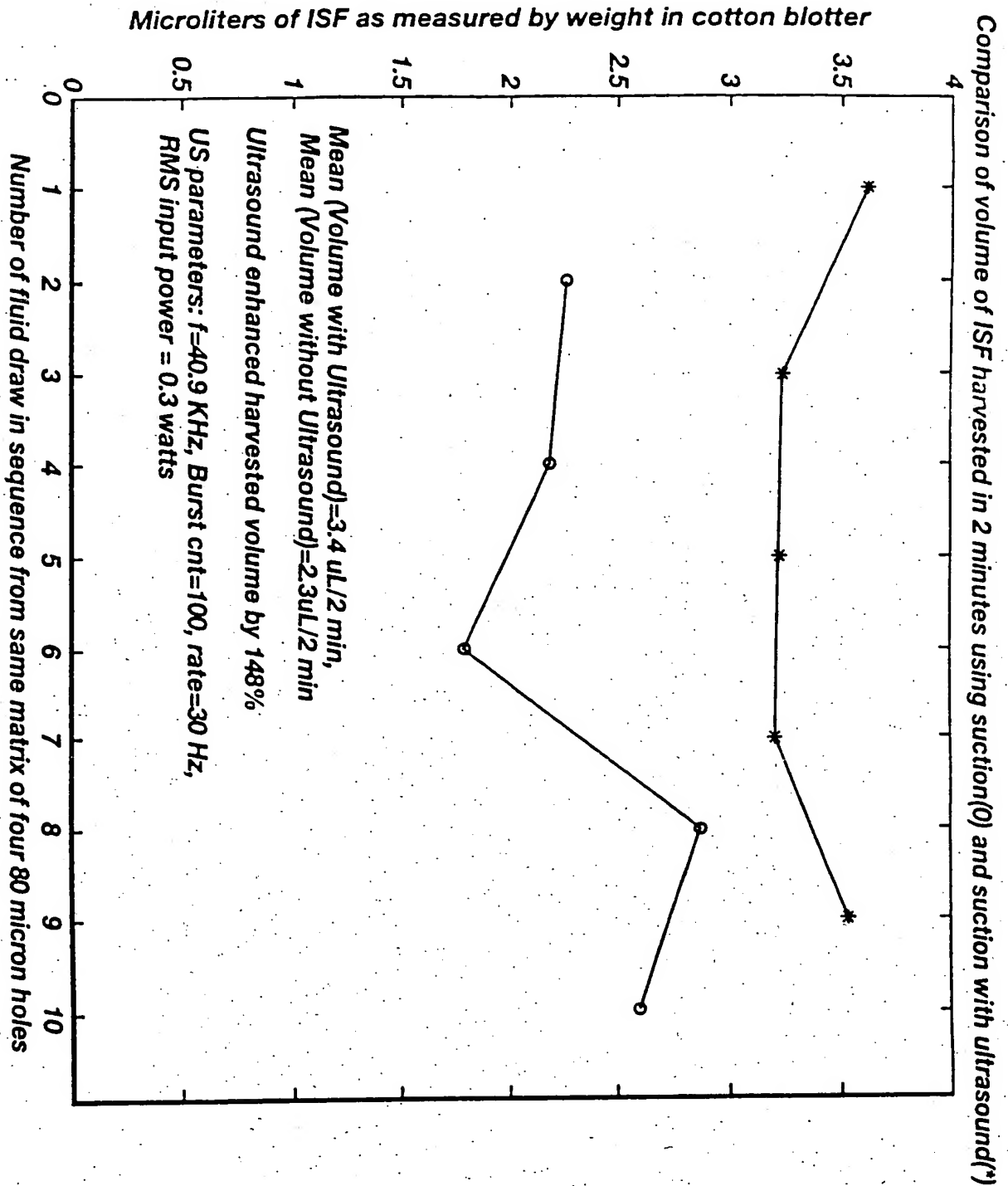


Fig. 30

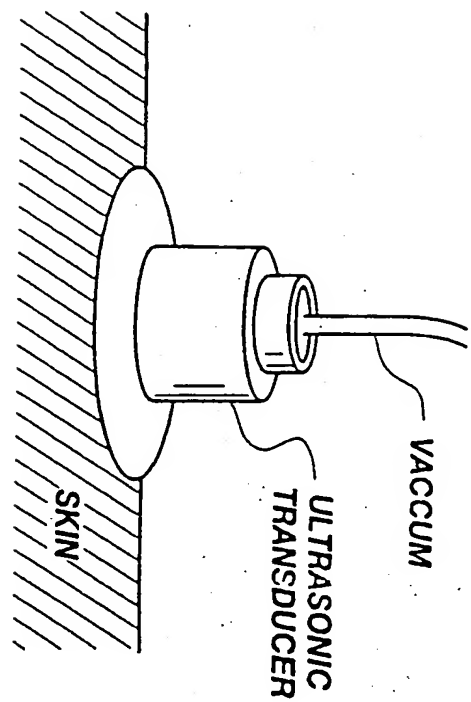


Fig. 31

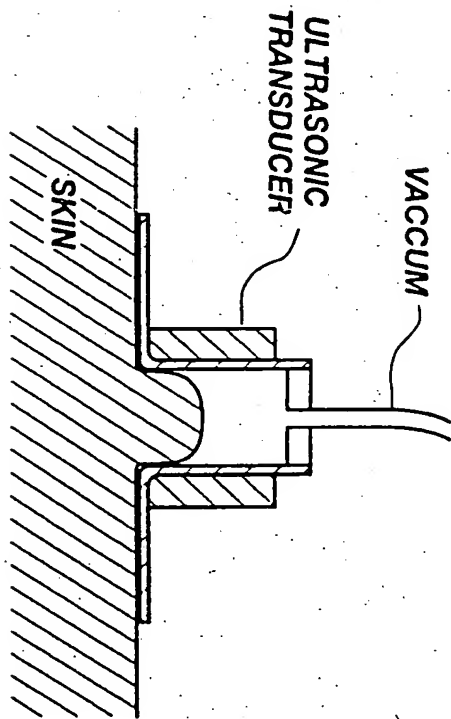


Fig. 32

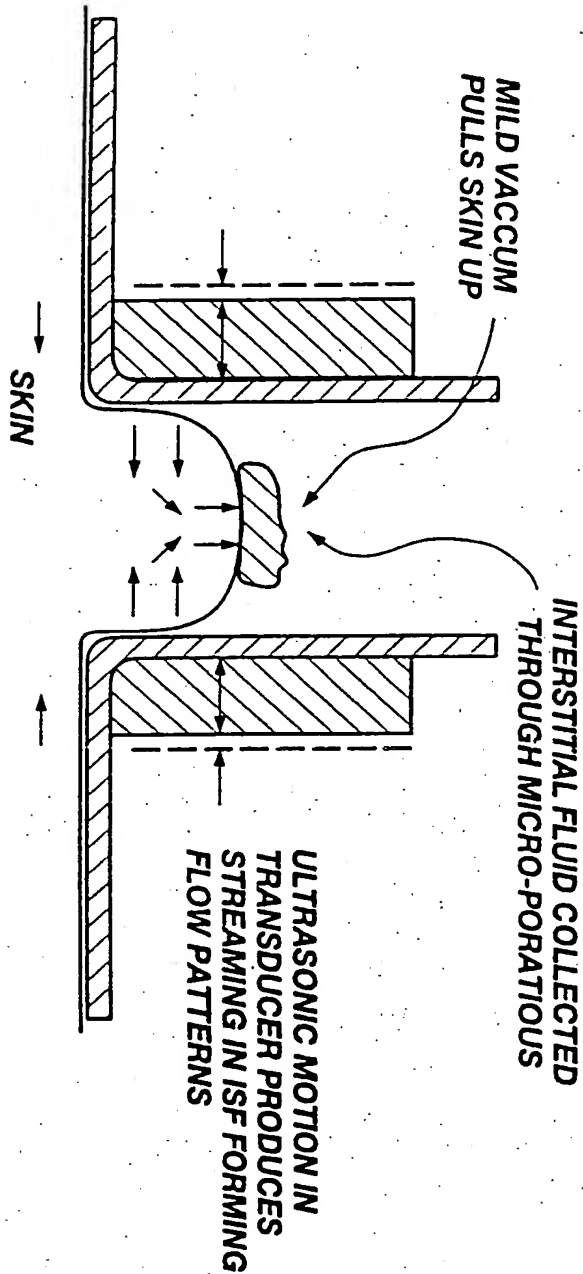


Fig. 33

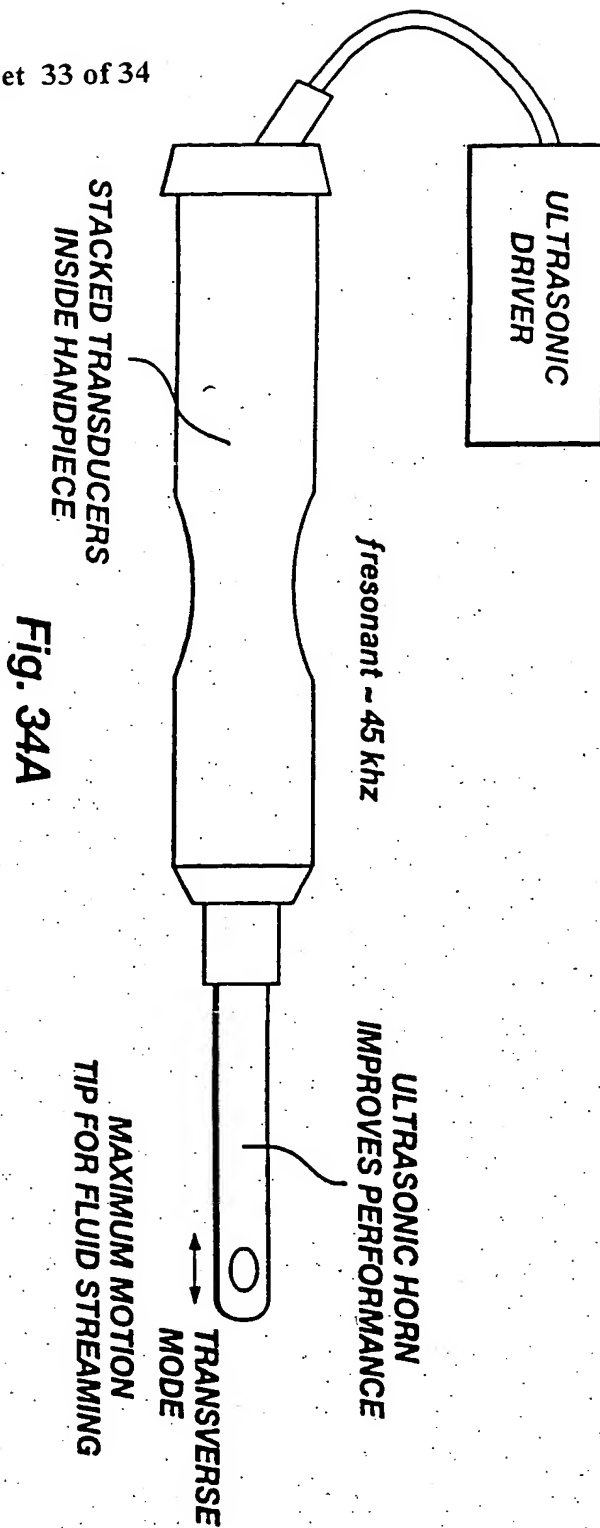


Fig. 34A

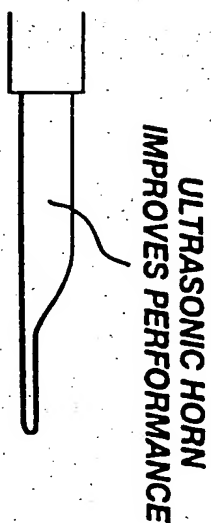


Fig. 34B

